

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4458	X83860	H.sapiens mRNA for prostaglandin E receptor (EP3c)	1.2	2137044	unknown protein - rabbit (fragment) cuniculus]	7e-014
4459	M95058	Rattus rattus steroid 5-alpha-reductase 2 mRNA, complete cds.	0.42	<NONE>	<NONE>	<NONE>
4460	AF044588	Homo sapiens protein regulating cytokinesis 1	2e-043	2865521	(AF044588) protein regulating cytokinesis 1; PRC1 [Homo sapiens]	4e-015
4461	X54282	Human chromosome 11 DNA, approx. 20 kb 3' of beta-globin gene, nuclear scaffold associated region	0.014	1911867	cadherin 3 [Caenorhabditis elegans, Peptide, 3337 aa]	9.8
4462	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3e-010	3875640	(Z92781) F09C3.3 [Caenorhabditis elegans]	9.6
4463	M73791	Human novel gene mRNA, complete cds.	0	1172810	60S RIBOSOMAL PROTEIN L10 (QM PROTEIN HOMOLOG) >gi 543339 pir JC 2013 ribosomal protein L10, cytosolic - mouse >gi 2143959 pir J C4911 ribosomal protein L10 - rat >gi 407466 (X75312) QM protein [Mus musculus] >gi 410742 (M93980) 24.6 kda protein [Mus musc	7e-085
4464	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4465	Z27116	S.cerevisiae HBS1, MRP-L20 and PRP-16 genes	0.058	<NONE>	<NONE>	<NONE>
4466	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4467	M96575	Drosophila melanogaster collagen type IV gene, complete cds.	3.60E+00	<NONE>	<NONE>	<NONE>
4468	D50010	Human DNA for alpha-platelet-derived growth factor receptor, exon 15	1e-006	<NONE>	<NONE>	<NONE>
4469	X70649	Homo sapiens DDX1 gene, complete CDS	0	539572	DEAD box protein RB - human	3e-036
4470	AJ223377	Puumala virus S-segment RNA	1.4	<NONE>	<NONE>	<NONE>
4471	Y14599	Staphylococcus xylosus lacR, lacP, lacH genes and 2 ORF's	1.4	3659505	(AC005084) similar to mouse mCASK-A; similar to e1288039	0.63
4472	X13336	Spinach plastid genes rps3, rps19, rpl14, rpl16 and rpl22 for ribosomal proteins S3, S19, L14, L16 and L22	0.15	1330375	(U58758) similar to rat GAP-associated protein p190	0.27
4473	AF056022	Homo sapiens p60 katanin mRNA, complete cds	0	3283072	(AF056022) p60 katanin [Homo sapiens]	7e-029
4474	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.0002	<NONE>	<NONE>	<NONE>
4475	M86849	Human connexin 26 (GJB2) mRNA.	0	127542	ALDOSE 1-EPIMERASE PRECURSOR calcoaceticus]	5.2
4476	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4477	X95455	G.gallus mRNA for RING zinc finger	9e-031	1321818	(X95455) RING zinc finger protein protein [Gallus	9e-038

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
					gallus]	
4478	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	0.13	<NONE>	<NONE>	<NONE>
4479	J03607	Human 40-kDa keratin intermediate filament precursor gene.	0	1070608	keratin 19, type I, cytoskeletal - human sapiens]	9e-068
4480	M90104	Human splicing factor SC35 mRNA, complete cds.	e-120	3929382	SPlicing FACTOR, ARGinine/Serine-rich 10 (PUTATIVE MYELIN REGULATORY FACTOR 1) (MRF-1) >gi 555924 (U14648) putative myelin regulatory factor 1; MRF-1 [Mus musculus]	1.1
4481	AF020762	Homo sapiens clone 1400 unknown protein mRNA, partial cds	6e-067	<NONE>	<NONE>	<NONE>
4482	AE001386	Plasmodium falciparum chromosome 2, section 23 of 73 of the complete sequence	0.72	<NONE>	<NONE>	<NONE>
4483	AF054868	Pseudomonas aeruginosa autoinducer synthetase chloramphenicol-sensitive protein (rarD), and hypothetical protein (yafL) gene...	0.005	1709793	SALIVARY PROLINE-RICH PROTEIN PO sapiens]	0.13
4484	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4485	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4486	AE001406	Plasmodium falciparum chromosome 2, section 43 of 73 of the complete sequence	0.001	<NONE>	<NONE>	<NONE>
4487	AE001417	Plasmodium falciparum chromosome 2, section 54 of 73 of the complete sequence	2.1	<NONE>	<NONE>	<NONE>
4488	X90446	Canine herpesvirus DNA for ORF 1 (HSV1 UL44, EHV1 ORF 15 homolog) ORF2 (EHV1 ORF 16 homolog)	4.4	<NONE>	<NONE>	<NONE>
4489	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.17	4008355	(Z68297) Similarity to Yeast TAT-binding homolog 7 (SW:TBP7_YEAST); cDNA EST EMBL:D37124 comes from this gene; cDNA EST EMBL:D35150 comes from this gene; cDNA EST EMBL:D35400 comes from this gene; cDNA EST EMBL:D34900 comes ... >gi 4008373 gnl PID e135984	3e-007
4490	D78130	Homo sapiens mRNA for squalene epoxidase, complete cds	0	2443316	(D78130) squalene epoxidase [Homo sapiens]	5e-008
4491	L18931	Buchnera aphidicola Arginyl tRNA synthetase	0.16	<NONE>	<NONE>	<NONE>

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
		promoter region.				
4492	X17206	Human mRNA for LLRep3	e-112	1350976	40S RIBOSOMAL PROTEIN S2 >gi 939718	2e-005
4493	D28473	Human T-lymphocyte mRNA for isoleucyl-tRNA synthetase, complete cds	e-157	440799	(U04953) isoleucyl-tRNA synthetase [Homo sapiens]	3e-005
4494	L13624	Cercopithecus aethiops C4 complement	3.6	<NONE>	<NONE>	<NONE>
4495	M13011	Rat c-ras-H-1 gene, complete cds.	0.25	<NONE>	<NONE>	<NONE>
4496	Y10252	L.japonicus panC gene	0.38	627071	histidine-rich protein - Plasmodium lophurae	4.4
4497	X76683	Plasmid vector pHM2 betalactamase gene	1e-093	987050	(X65335) lacZ gene product [unidentified cloning vector]	3e-015
4498	M24486	Human prolyl 4-hydroxylase alpha subunit mRNA, complete cds, clone PA-11.	0	129365	PROLYL 4-HYDROXYLASE ALPHA SUBUNIT 1.14.11.2) alpha chain - chicken	2e-057
4499	D80004	Human mRNA for KIAA0182 gene, partial cds	2e-068	<NONE>	<NONE>	<NONE>
4500	U22233	Human methylthioadenosine phosphorylase (MTAP) mRNA, complete cds.	0	<NONE>	<NONE>	<NONE>
4501	D63875	Human mRNA for KIAA0155 gene, complete cds > :: gb G28541 G28541 human STS SHGC-31621.	0	961442	(D63875) KIAA0155 gene product is related to C.elegans B0464.2 protein. [Homo sapiens]	2e-019

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4502	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4503	X85018	H.sapiens mRNA for UDP-GalNAc:polypeptide N-acetylglactosaminyltransferase (T1)	e-110	1709559	POLYPEPTIDE N-ACETYLGLAC TOSAMINYLTR ANSFERASE (PROTEIN-UDP ACETYLGLAC TOSAMINYLTR ANSFERASE) N-ACETYLGLAC TOSAMINYLTR ANSFERASE) (GALNAC-T1) polypeptide N-acetylglactosaminyltransferase [Rattus norvegicus]	2e-018
4504	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4505	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4506	AF067782	Papio hamadryas BC200 alpha scRNA gene, complete sequence	0.48	<NONE>	<NONE>	<NONE>
4507	AF073298	Homo sapiens 4F5rel mRNA, complete cds	e-166	3641536	(AF073297) 4F5rel [Mus musculus] >gi 3641538 (AF073298) 4F5rel [Homo sapiens]	3e-013
4508	M12922	Yeast (S.cerevisiae) chromosome III L terminal region DNA.	2e-010	188864	(M74027) mucin [Homo sapiens]	6e-023
4509	X69524	M.squamata cabcl mRNA for chlorophyll a/b/c binding protein precursor	1.3	<NONE>	<NONE>	<NONE>
4510	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	1.2	<NONE>	<NONE>	<NONE>

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4512	U12404	Human Csa-19 mRNA, complete cds.	0	1709973	60S RIBOSOMAL PROTEIN L10A (CSA-19)	4e-056
4513	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	8e-014	<NONE>	<NONE>	<NONE>
4514	<NONE>	<NONE>	<NONE>	121627	GLYCINE-RICH CELL WALL STRUCTURAL PROTEIN 1 PRECURSOR >gi 82244 pir A26099 glycine-rich cell wall structural protein - garden petunia >gi 20553 hybrida] >gi 225181 prf 1210313A Gly rich structural protein [Petunia sp.]	2e-030
4515	D87255	Hepatitis G virus RNA for polyprotein, complete cds	0.19	930045	(X15332) alpha-1 (III) collagen [Homo sapiens]	0.002
4516	U31820	Gallus gallus Mel-1a melatonin receptor mRNA, complete cds.	3.3	1718187	ENVELOPE GLYCOPROTEIN GP340 glycoprotein 350/220 - human herpesvirus 4 >gi 59164 virus] >gi 306293 (L07923) glycoprotein 340	0.096
4517	X68107	M.sativa msCHSII mRNA for chalcone synthase	3.4	<NONE>	<NONE>	<NONE>
4518	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4519	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	6e-006	1065484	(U40415) similar to S. cerevisiae LAG1 (SP:P38703)	0.001

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4520	D87671	Rat mRNA for TIP120, complete cds	1e-043	1799570	(D87671) TIP120 [Rattus norvegicus]	0.01
4521	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4522	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4523	X16869	Human mRNA for elongation factor 1-alpha (clone CEF4)	4e-022	1085204	translation elongation factor eEF-1 alpha chain - zebra fish >gi 408805 (L23807) elongation factor 1-alpha [Danio rerio] >gi 454915 (X77689) translational elongation factor-1 alpha [Danio rerio] >gi 1009241 rerio] >gi 1091578 prf 2021264A elongation fact	5.1
4524	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3e-010	<NONE>	<NONE>	<NONE>
4525	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-007	<NONE>	<NONE>	<NONE>
4526	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4527	AF069250	Homo sapiens okadaic acid-inducible phosphoprotein (OA48-18) mRNA, complete cds	7e-080	3037018	(AF041330) NADH dehydrogenase subunit 5 [Bodo saltans]	0.0001
4528	AF069250	Homo sapiens okadaic acid-inducible phosphoprotein (OA48-18) mRNA, complete cds	7e-080	3037018	(AF041330) NADH dehydrogenase subunit 5 [Bodo saltans]	0.0001

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4529	U66532	Human beta4-integrin (ITGB4) gene, exons 7,8,9,10,11 and 12	0.51	119110	EBNA-1 NUCLEAR PROTEIN herpesvirus 4 (strain B95-8) >gi 1334880 (V01555) BKRF1 encodes EBNA-1 protein, latent cycle gene. [Human herpesvirus 4]	1e-023
4530	X65319	Cloning vector pCAT-Enhancer	1e-074	987050	(X65335) lacZ gene product [unidentified cloning vector]	8e-011
4531	AJ010841	Homo sapiens mRNA for putative thioredoxin-like protein	8e-028	3646128	(AJ010841) thioredoxin-like protein	0.062
4532	D14034	Human gene for Zn-alpha2-glycoprotein, complete cds	0.005	<NONE>	<NONE>	<NONE>
4533	M12670	Human fibroblast collagenase inhibitor mRNA, complete cds.	6e-098	1351250	METALLOPROTEINASE INHIBITOR 1 PRECURSOR (TIMP-1) >gi 1363927 pir J C4303 matrix metalloproteinase-1 tissue inhibitor - baboon >gi 561546 hamadryas cynocephalus]	7e-008
4534	M17196	A.californica (marine gastropod mollusc) neuropeptide gene (ganglion R14), exon 1, 5' end.	0.019	2135765	mucin 2 precursor, intestinal - human	0.003
4535	AJ001454	Homo sapiens mRNA for testican-3	1.4	<NONE>	<NONE>	<NONE>

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4536	X75757	G.gallus cycB3 mRNA.	9e-040	729112	G2/MITOTIC-SPECIFIC CYCLIN B3	9e-019
4537	Z27116	S.cerevisiae HBS1, MRP-L20 and PRP-16 genes	0.058	<NONE>	<NONE>	<NONE>
4538	AF083322	Homo sapiens centriole associated protein CEP110 mRNA, complete cds	9e-051	1079393	chromokinesin - chicken >gi 603761 (U18309) chromokinesin [Gallus gallus]	0.012
4539	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4540	M26325	Human cytokeratin 18 mRNA, 3' end.	0	125083	KERATIN, TYPE I CYTOSKELETAL 18 keratin 18, type I, cytoskeletal - human >gi 34037	2e-093
4541	U37066	Human endogenous retrovirus strain XA38 pol polyprotein (pol) gene, partial cds	1.3	252486	P-selectin, CD62 [mice, Peptide, 768 aa] musculus]	1.8
4542	Z30543	Turkey herpesvirus (HVT-delUs-Beta1 PKI3) gene for protein kinase	2e-027	<NONE>	<NONE>	<NONE>
4543	M90077	Wheat translation elongation factor 1 alpha-subunit (TEF1) mRNA, complete cds.	0.14	<NONE>	<NONE>	<NONE>
4544	AJ001235	Papio hamadryas ERV-9 like LTR insertion	2e-044	<NONE>	<NONE>	<NONE>
4545	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4546	AF100654	Caenorhabditis elegans cosmid C24E9	0.41	<NONE>	<NONE>	<NONE>
4547	L28821	Homo sapiens alpha mannosidase II isozyme mRNA, complete cds.	0	1679607	(X97650) myosin-I [Mus musculus]	4.5

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4548	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-013	<NONE>	<NONE>	<NONE>
4549	L20140	Zea mays pollen specific pectate lyase homologue gene, complete cds.	0.92	<NONE>	<NONE>	<NONE>
4550	U33955	Human Down Syndrome region of chromosome 21, genomic sequence, clone A12H1-1F2.	4.4	<NONE>	<NONE>	<NONE>
4551	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	0.0005	<NONE>	<NONE>	<NONE>
4552	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	0.042	<NONE>	<NONE>	<NONE>
4553	X12660	Human chromosome 14 Ig JH (switch mu) DNA showing scattered homology to bcl2 gene exon 2 3'UTR	1e-006	2117245	(Z95586) hypothetical protein Rv1592c	2.1
4554	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.002	284314	modulator recognition factor 1 - human factor I [Homo sapiens]	7.1
4555	AF070523	Homo sapiens JWA protein mRNA, complete cds	0	3322740	(AE001222) conserved hypothetical protein [Treponema pallidum]	5.9
4556	Z11900	H.sapiens OTF3 gene	0.13	<NONE>	<NONE>	<NONE>

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4557	M24972	D.discoideum CT-rich satellite rDNA, clone pCT8.	4e-007	2605798	(AF027735) minor ampullate silk protein MiSp1 [Nephila clavipes]	5.30E-01
4558	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	8e-007	<NONE>	<NONE>	<NONE>
4559	D32056	Human gene for 2-oxoglutarate dehydrogenase, exon 1 sequence	0.06	<NONE>	<NONE>	<NONE>
4560	AF034085	Caenorhabditis elegans UNC-45 (unc-45) gene, complete cds	0.025	1652167	(D90903) hypothetical protein	4.8
4561	AF091242	Homo sapiens ATP sulfurylase/APS kinase 2 mRNA, complete cds	0.0003	<NONE>	<NONE>	<NONE>
4562	M31520	Human ribosomal protein S24 mRNA.	1e-031	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.7
4563	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4564	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	0.0005	<NONE>	<NONE>	<NONE>
4565	AB015432	Rattus norvegicus mRNA for LAT1 (L-type amino acid transporter 1), complete cds	4e-022	1665759	(D87432) Similar to Schistosoma mansoni amino acid permease (L25068). [Homo sapiens]	5e-024
4566	AE001397	Plasmodium falciparum chromosome 2, section 34 of 73 of the complete sequence	0.0005	3875266	(Z77655) predicted using Genefinder; similar to 7tm receptor [Caenorhabditis elegans]	5.90E+00

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4567	AE001397	Plasmodium falciparum chromosome 2, section 34 of 73 of the complete sequence	0.0005	3875266	(Z77655) predicted using Genefinder; similar to 7tm receptor [Caenorhabditis elegans]	5.90E+00
4568	Y15155	Homo sapiens PHKB gene, exon 8, and repetitive elements	4e-033	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.7
4569	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2.00E-03	2622750	(AE000921) DNA topoisomerase I [Methanobacterium thermoautotrophicum]	2.6
4570	AE000688	Aquifex aeolicus section 20 of 109 of the complete genome	4.5	<NONE>	<NONE>	<NONE>
4571	Z95123	Caenorhabditis elegans cosmid VZK8221, complete sequence [Caenorhabditis elegans]	0.4	<NONE>	<NONE>	<NONE>
4572	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3.00E-08	<NONE>	<NONE>	<NONE>
4573	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-012	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	3.3
4574	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7e-006	<NONE>	<NONE>	<NONE>
4575	U18671	Human Stat2 gene, complete cds.	2e-023	728831	!!!! ALU SUBFAMILY J WARNING ENTRY	0.002

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4576	Z83241	Caenorhabditis elegans cosmid T25C8, complete sequence [Caenorhabditis elegans]	1.1	1176988	IOLD PROTEIN protein [Bacillus subtilis] >gi 2636519 gnl PI D e1184698 catabolism [Bacillus subtilis]	5.3
4577	L04690	Cricetulus griseus cholesterol 7-alpha-hydroxylase gene, complete cds. > :: gb I26617 I26617 Sequence 35 from patent US 5558999 > :: gb AR008072 AR 008072 Sequence 35 from patent US 5753431	3.2	212906	(L02621) intestinal zipper protein [Gallus gallus]	4.1
4578	Z54191	A.pleuropneumoniae tfbB gene encoding transferrin receptor.	0.54	2102696	(U72761) karyopherin beta 3 [Homo sapiens]	8.6
4579	X17025	Human homolog of yeast IPP isomerase > :: gb G27043 G27043 human STS SHGC-31614.	2e-035	<NONE>	<NONE>	<NONE>
4580	L32977	Homo sapiens (clone f17252) ubiquinol cytochrome c reductase Rieske iron-sulphur protein (UQCRFS1) gene, exon 2	0.00E+00	1351361	UBIQUINOL-CYTOCHROME C REDUCTASE IRON-SULFUR SUBUNIT PRECURSOR (RIESKE IRON-SULFUR PROTEIN) (RISP) >gi 488299 (L32977) Rieske Fe-S protein	1e-070
4581	M26708	Human prothymosin alpha mRNA (ProT-alpha), complete cds.	0	190369	(J04798) open reading frame A; putative [Homo sapiens]	6e-018

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4582	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-014	2314130	(AE000607) H. pylori predicted coding region HP0985	3.3
4583	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	4e-011	1236083	(U49507) Lisch7 [Mus musculus]	4.3
4584	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-014	348196	(L19917) immunoglobulin heavy-chain subgroup VIII V- D-J region [Homo sapiens]	9.7
4585	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4586	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4587	X52601	H.sapiens hTOP1 gene for topoisomerase, 5'end	4.6	<NONE>	<NONE>	<NONE>
4588	AF038604	Caenorhabditis elegans cosmid B0546	0.17	<NONE>	<NONE>	<NONE>
4589	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4590	U23441	Tetrahymena thermophila B internal deletion sequence.	0.0005	1469281	(U08801) envelope glycoprotein [Human immunodeficiency virus type 1]	1.1
4591	AC005276	Homo sapiens clone fragment UWGC:gap3 from 7q31.3, complete sequence [Homo sapiens]	0.009	<NONE>	<NONE>	<NONE>
4592	D84117	Homo sapiens DNA for prostacyclin synthase, exon 3	0.48	<NONE>	<NONE>	<NONE>
4593	U28153	Caenorhabditis elegans UNC-76 (unc-76) gene, complete cds.	1.30E-01	<NONE>	<NONE>	<NONE>

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4594	U67274	Human metastasis suppressor (KAI1) gene, exon 1, and complete cds	1e-008	<NONE>	<NONE>	<NONE>
4595	AF009621	Onchocerca volvulus cytosolic Cu/Zn superoxide dismutase (OvSOD1) and extracellular Cu/Zn superoxide dismutase (OvSOD2) genes, complete cds	4	<NONE>	<NONE>	<NONE>
4596	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4597	<NONE>	<NONE>	<NONE>	2078483	(U43200) antifreeze glycopeptide AFGP polypeptide precursor [Boreogadus saida]	0.78
4598	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4599	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4600	AL021806	Homo sapiens DNA sequence from PAC 779B17 on chromosome 22q13.1. Contains exon trap, complete sequence	4e-029	728836	!!!! ALU SUBFAMILY SP WARNING ENTRY	0.002
4601	AL022222	Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-118, complete sequence	4.9	<NONE>	<NONE>	<NONE>
4602	Z73149	N.tabacum DNA (recombination breakpoint between T-DNA and plant DNA)	1.6	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4603	AF082835	Mus spretus E6-AP ubiquitin-protein ligase	4	<NONE>	<NONE>	<NONE>
4604	AF050123	Homo sapiens hypoxia-inducible factor 1 alpha subunit (HIF1A) gene, exon 10	3e-009	728838	!!!! ALU SUBFAMILY SX WARNING ENTRY	6.7
4605	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7e-006	<NONE>	<NONE>	<NONE>
4606	AF001355	Pseudomonas syringae pv. syringae DNA binding protein HpkR (hpkR), histidine protein kinase HpkY (hpkY), phosphate acceptor regulatory protein CheY-2 (cheY-2), ankyrin AnkF (ankF), and catalase isozyme catalytic subuni...	2.1	3041736	TRANSCRIPTION FACTOR SOX-11	8.9
4607	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	8.00E-08	3123155	HYPOTHETICAL 49.0 KD TRP-ASP REPEATS CONTAINING PROTEIN F55F8.5 IN CHROMOSOME I family [Caenorhabditis elegans]	2e-027
4608	<NONE>	<NONE>	<NONE>	1170978	MYOCYTE NUCLEAR FACTOR (MNF) musculus]	0.18
4609	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	4e-009	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	8.9

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4610	U95094	Xenopus laevis XL-INCENP. (XL-INCENP) mRNA, complete cds	2e-007	<NONE>	<NONE>	<NONE>
4611	X75861	H.sapiens TEGT gene	e-177	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	2.8
4612	U19867	Cloning vector pSPL3, exon splicing vector, complete sequence, HIV envelope protein gp160 and beta- lactamase, complete cds.	5e-055	987050	(X65335) lacZ gene product [unidentified cloning vector]	3e-011
4613	U73332	Human non- coding genomic sequence upstream from unique L0 sequence in the alpha-globin gene cluster	8e-008	<NONE>	<NONE>	<NONE>
4614	<NONE>	<NONE>	<NONE>	193952	(J03770) homeobox protein [Mus musculus]	6
4615	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	6e-006	586875	HYPOTHETICAL 29.2 KD PROTEIN IN METS-KSGA INTERGENIC REGION >gi 2127033 pir S 66068 hypothetical protein - Bacillus subtilis subtilis] >gi 2632306 gnl PI D e1181972 (Z99104) similar to hypothetical proteins [Bacillus subtilis]	5e-019
4616	K00384	Yeast (S.cerevisiae) mitochondrial var1 gene, 5'	0.001	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
		flank.				
4617	J04628	Rattus norvegicus 3-hydroxyiso- butyrate mRNA, 3' end.	e-154	416873	3- HYDROXYISOB UTYRATE DEHYDROGENA SE PRECURSOR (HIBADH) >gi 111295 pir A3 2867 3- hydroxyisobutyrat e dehydrogenase (EC 1.1.1.31) precursor - rat (fragment) >gi 556389 (J04628) 3- hydroxyisobutyrat e dehydrogenase [Rattus norvegicus]	1e-049
4618	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	0.38	<NONE>	<NONE>	<NONE>
4619	U10361	Saccharomyces cerevisiae Snf8p (SNF8) gene, complete cds.	2.7	<NONE>	<NONE>	<NONE>
4620	D42044	Human mRNA for KIAA0090 gene, partial cds	e-151	577301	(D42044) The ha3523 gene product is related to S.cerevisiae gene product located in chromosome III. [Homo sapiens]	4e-052
4621	U10361	Saccharomyces cerevisiae Snf8p (SNF8) gene, complete cds.	2.7	<NONE>	<NONE>	<NONE>
4622	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4623	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3.00E-10	<NONE>	<NONE>	<NONE>
4624	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3.00E-10	<NONE>	<NONE>	<NONE>
4625	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4626	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4627	X06747	Human hnRNP core protein A1	7e-049	87650	heterogeneous ribonuclear particle protein A1.beta - human >gi 36102 (X06747) protein A1-alpha (AA 1-320) [Homo sapiens]	6e-005
4628	X03559	Human mRNA for F1-ATPase beta subunit (F-1 beta) > :: dbj D00022 HUM F1B Homo sapiens mRNA for F1 beta subunit, complete cds	e-100	114549	ATP SYNTHASE BETA CHAIN, MITOCHONDRIAL PRECURSOR >gi 106207 pir A33370 H+-transporting ATP synthase (EC 3.6.1.34) beta chain precursor, mitochondrial - human >gi 179281 (M27132) ATP synthase beta subunit precursor [Homo sapiens]	2e-024
4629	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4630	K00915	paramecium species 1,168 mt dna dimer: replication init. region.	7.00E-05	<NONE>	<NONE>	<NONE>
4631	K00915	paramecium species 1,168 mt dna dimer: replication init. region.	7.00E-05	<NONE>	<NONE>	<NONE>
4632	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4633	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4634	Z28261	S.cerevisiae chromosome XI reading frame ORF YKR036c	0.042	417748	PROTEIN TRANSPORT PROTEIN SEC13	0.0002
4635	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-005	<NONE>	<NONE>	<NONE>
4636	AF088034	Homo sapiens full length insert cDNA clone ZC24F03	0	854598	(X87611) ORF YJR83.18 [Saccharomyces cerevisiae]	2e-024
4637	M83094	Homo sapiens cytosolic selenium- dependent glutathione peroxidase gene, complete cds, and rhoh12 gene, 3' end.	3.00E-08	<NONE>	<NONE>	<NONE>
4638	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-006	1176711	HYPOTHETICAL 21.6 KD PROTEIN F37A4.2 IN CHROMOSOME III >gi 1078851 pir S 44639 F37A4.2 protein - Caenorhabditis elegans >gi 458960	2e-017
4639	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-006	1176711	HYPOTHETICAL 21.6 KD PROTEIN F37A4.2 IN CHROMOSOME III >gi 1078851 pir S 44639 F37A4.2 protein - Caenorhabditis elegans >gi 458960	2e-017

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4640	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-006	<NONE>	<NONE>	<NONE>
4641	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-006	<NONE>	<NONE>	<NONE>
4642	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-005	4056582	(AF039530) RepA [Egyptian sugarcane streak virus]	3.4
4643	U96174	Onchocerca volvulus OvB8 mRNA, partial cds	3.2	<NONE>	<NONE>	<NONE>
4644	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4645	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	6e-005	3236220	(U62541) immunoreactive 14 kDa protein BA14k [Brucella abortus]	4.5
4646	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	6e-005	3236220	(U62541) immunoreactive 14 kDa protein BA14k [Brucella abortus]	4.5
4647	AL010224	Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 4-04, complete sequence	0.003	2492906	ANNEXIN VII (SYNEXIN) frog >gi 790544 (U16365) annexin VII [Xenopus laevis]	1.4
4648	L39413	Atractylodes japonica chloroplast NADH dehydrogenase (ndhF) gene, complete cds	0.003	<NONE>	<NONE>	<NONE>
4649	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete	4e-013	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
		cds				
4650	U79403	Meleagris gallopavo microsatellite repeat sequence	0.46	2498691	OUTER DENSE FIBER PROTEIN bovine >gi 1165006 (X69514) outer dense fiber protein [Bos taurus]	1.4
4651	U27780	Stealth virus 1 clone C16138 T3.1	2	<NONE>	<NONE>	<NONE>
4652	U27780	Stealth virus 1 clone C16138 T3.1	2	<NONE>	<NONE>	<NONE>
4653	U78817	Saccharomyces cerevisiae killer virus M1, complete genome	0.026	<NONE>	<NONE>	<NONE>
4654	U78817	Saccharomyces cerevisiae killer virus M1, complete genome	0.026	<NONE>	<NONE>	<NONE>
4655	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4656	X07036	Human mRNA stimulatory GTP-binding protein alpha subunit	3e-071	232142	GUANINE NUCLEOTIDE-BINDING PROTEIN G(S), ALPHA SUBUNIT (ADENYLATE CYCLASE-STIMULATING G ALPHA PROTEIN) >gi 71886 pir RG PGA2 GTP-binding regulatory protein Gs alpha-2 chain (adenylate cyclase-stimulating) - pig >gi 1958 (X63893) alpha-stimulatory subunit	8e-027

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4657	L05586	Kinetoplast Trypanosoma brucei (IsTaR 1 serodeme) putative NADH dehydrogenase subunit (nd9) mRNA, complete cds.	0.0001	4063042	(AF068065) GP900; mucin-like glycoprotein [Cryptosporidium parvum]	0.19
4658	AF044763	Cecropis ariel microsatellite HrU6 allele 1 repeat region	3e-006	<NONE>	<NONE>	<NONE>
4659	X82630	A.longa plastid rps12, orf126 and orf288 genes	0.22	<NONE>	<NONE>	<NONE>
4660	U68098	Human poly(A)-binding protein (PABP) gene, exons 6 and 7	0.023	<NONE>	<NONE>	<NONE>
4661	U68098	Human poly(A)-binding protein (PABP) gene, exons 6 and 7	0.023	<NONE>	<NONE>	<NONE>
4662	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-011	1022683	(U23146) SSeCKS [Rattus norvegicus]	1.4
4663	M15353	Homo sapiens cap-binding protein mRNA, complete cds	0	<NONE>	<NONE>	<NONE>
4664	Z57610	H.sapiens CpG DNA, clone 187a10, reverse read cpg187a10.rt1a .	3e-048	417134	HEPATOCYTE NUCLEAR FACTOR 3-BETA [Rattus norvegicus]	2.00E-10
4665	L11707	Hevea brasiliensis Mn-superoxide dismutase (SODMn) gene, complete cds.	2.6	<NONE>	<NONE>	<NONE>
4666	D42073	Human mRNA for reticulocalbin, complete cds	3e-019	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	6.4

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4667	L12350	Human thrombospondin 2 (THBS2) mRNA, complete cds.	0	<NONE>	<NONE>	<NONE>
4668	L11707	Hevea brasiliensis Mn-superoxide dismutase (SODMn) gene, complete cds.	2.6	<NONE>	<NONE>	<NONE>
4669	AC000043	Homo sapiens Chromosome 22q13 Cosmid Clone p74a8, complete sequence [Homo sapiens]	2e-016	134589	TRANSCRIPTION REGULATORY PROTEIN SNF2 SWI2) (REGULATORY PROTEIN GAM1) (TRANSCRIPTION FACTOR TYE3) >gi 101629 pir S15047 SNF2 protein - yeast protein [Saccharomyces cerevisiae] >gi 172632 (M61703) SNF2protein [Saccharomyces cerevisiae] cerevisiae] >gi 127	1.5
4670	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	6e-006	69700	interleukin-1 beta precursor - bovine	0.6
4671	U44975	Homo sapiens DNA-binding protein CPBP (CPBP) mRNA, partial cds	2e-045	1848233	(U44975) DNA-binding protein CPBP [Homo sapiens]	0.009

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4672	AF038406	Homo sapiens NADH dehydrogenase-ubiquinone Fe-S protein 8 23 kDa subunit (NDUFS8) gene, nuclear gene encoding mitochondrial protein, complete cds	0	2326168	(U32107) type VII collagen [Mus musculus]	1.5
4673	X67951	H.sapiens mRNA for proliferation-associated gene	0	548453	THIOREDOXIN PEROXIDASE 2 CELL ENHANCING FACTOR A) (NKEF-A) >gi 423025 pir A46711 proliferation associated gene (pag) protein - human gene product [Homo sapiens]	2e-083
4674	AC001013	Homo sapiens (subclone 2_d1 from P1 H43) DNA sequence	2e-017	2072961	(U93568) putative p150 [Homo sapiens]	0.0001
4675	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-012	1589837	(U68729) cuticle preprocollagen [Meloidogyne incognita]	0.035
4676	M15353	Homo sapiens cap-binding protein mRNA, complete cds	0	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4677	M37583	Human histone (H2A.Z) mRNA, complete cds.	0	121994	HISTONE H2A.Z >gi 89608 pir S03 642 histone H2A.Z - bovine >gi 92380 pir S03 644 histone H2A.Z - rat >gi 106267 pir A3 5881 histone H2A.Z - human sapiens] >gi 57808 (X52316) histone H2A.Z (AA 1- 127) taurus] >gi 184060 (M37583) histone (H2A.Z) [Homo sapien	1e-055
4678	M15353	Homo sapiens cap-binding protein mRNA, complete cds	0	<NONE>	<NONE>	<NONE>
4679	Z57610	H.sapiens CpG DNA, clone 187a10, reverse read cpg187a10.rtl1a .	4e-094	404764	(L10409) fork head related protein [Mus musculus]	4e-024
4680	Z57610	H.sapiens CpG DNA, clone 187a10, reverse read cpg187a10.rtl1a .	4e-094	404764	(L10409) fork head related protein [Mus musculus]	4e-024
4681	Z57610	H.sapiens CpG DNA, clone 187a10, reverse read cpg187a10.rtl1a .	4e-094	404764	(L10409) fork head related protein [Mus musculus]	4e-024
4682	L11707	Hevea brasiliensis Mn-superoxide dismutase (SODMn) gene, complete cds.	2.6	<NONE>	<NONE>	<NONE>
4683	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4684	<NONE>	<NONE>	<NONE>	2114323	(D88734) membrane glycoprotein [Equine herpesvirus 1]	0.052

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4685	AJ224875	Homo sapiens mRNA for putative glucosyltransferase, partial cds	0	2996578	(AJ224875) glucosyltransferase [Homo sapiens]	e-118
4686	AB019534	Homo sapiens gene for cathepsin L2, complete cds	2e-045	<NONE>	<NONE>	<NONE>
4687	J03799	Human colin carcinoma laminin-binding protein mRNA, complete cds.	e-166	34272	(X15005) pot. laminin-binding protein (AA 1 - 300) [Homo sapiens]	5e-032
4688	<NONE>	<NONE>	<NONE>	2114323	(D88734) membrane glycoprotein [Equine herpesvirus 1]	0.052
4689	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	9e-009	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	9.8
4690	D44598	Saccharomyces cerevisiae chromosome VI phage 4121	1e-009	3947877	(AL034382) putative mitosis and maintenance of ploidy protein [Schizosaccharomyces pombe]	6e-061
4691	AF053520	Homo sapiens allele 12 fragile site locus	0.61	<NONE>	<NONE>	<NONE>
4692	D16195	Mouse gene for acrogranin precursor, complete cds	0.059	<NONE>	<NONE>	<NONE>
4693	U90904	Human clone 23773 mRNA sequence	0	3130153	(AB008857) calcium ²⁺ sensing receptor	1.5
4694	L22398	Homo sapiens DNA sequence, repeat region.	7e-017	987050	(X65335) lacZ gene product [unidentified cloning vector]	0.1
4695	L22398	Homo sapiens DNA sequence, repeat region.	7e-017	987050	(X65335) lacZ gene product [unidentified cloning vector]	0.1

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4696	J03746	Human glutathione S-transferase mRNA, complete cds.	e-170	121740	GLUTATHIONE S-TRANSFERASE, MICROSOMAL >gi 87562 pir B28083 glutathione transferase glutathione S-transferase [Homo sapiens] >gi 1195483 sapiens] >gi 1621433 (U71213) microsomal glutathione s-transferase [Homo sapiens]	2e-038
4697	AF082283	Homo sapiens CARD-containing apoptotic signaling protein (BCL10) mRNA, complete cds	5e-046	4049460	(AJ006288) bcl-10 [Homo sapiens] signaling protein [Homo sapiens]	0.005
4698	D64142	Human mRNA for histone H1x, complete cds	1e-039	<NONE>	<NONE>	<NONE>
4699	AB001899	Homo sapiens PACE4 gene, exon 2	4e-012	3860844	(AJ235271) NADH DEHYDROGENASE I CHAIN L	3.5
4700	X16869	Human mRNA for elongation factor 1-alpha (clone CEF4)	0	1169475	ELONGATION FACTOR 1-ALPHA 1	6e-061
4701	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	6.00E-05	<NONE>	<NONE>	<NONE>
4702	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-013	2501465	PROBABLE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE FAM (UBIQUITIN THIOLESTERAS	0.0003

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
					E FAM)	
4703	D44598	Saccharomyces cerevisiae chromosome VI phage 4121	1e-009	3947877	(AL034382) putative mitosis and maintenance of ploidy protein [Schizosaccharomyces pombe]	6e-061
4704	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	6e-006	<NONE>	<NONE>	<NONE>
4705	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-012	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	6.4
4706	AB001899	Homo sapiens PACE4 gene, exon 2	4e-012	3860844	(AJ235271) NADH DEHYDROGENASE I CHAIN L	3.4
4707	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4708	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	1e-008	<NONE>	<NONE>	<NONE>
4709	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-009	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	6.40E+00
4710	L39064	Homo sapiens interleukin 9 receptor precursor (IL9R) gene, complete cds	1e-006	4063042	(AF068065) GP900; mucin-like glycoprotein	1e-006
4711	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	0.0002	331908	(K02714) envelope polyprotein [Friend murine leukemia virus]	8

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4712	AF065249	Entodinium caudatum 14-3-3 protein mRNA, partial cds	1	<NONE>	<NONE>	<NONE>
4713	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-013	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	7.9
4714	<NONE>	<NONE>	<NONE>	186396	(M94131) mucin [Homo sapiens]	2.5
4715	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	8e-009	<NONE>	<NONE>	<NONE>
4716	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4717	Z56314	H.sapiens CpG DNA, clone 10h10, reverse read cpg10h10.rtl.a.	4e-012	2444024	(U77782) N-methyl-D-aspartate receptor, 2C subunit precursor [Homo sapiens]	9.8
4718	D55696	Human mRNA for cysteine protease, complete cds	e-113	2842759	LEGUMAIN PRECURSOR (ASPARAGINYL ENDOPEPTIDASE) >gi1743266 gnl PI D e286211 (Y09862) legumain [Homo sapiens]	1e-006
4719	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	9e-008	<NONE>	<NONE>	<NONE>
4720	D63480	Human mRNA for KIAA0146 gene, partial cds	0	1469874	(D63480) The KIAA0146 gene product is novel. [Homo sapiens]	2e-079
4721	AB001579	Rice dwarf virus genomic RNA, segment 2, complete sequence	1.3	<NONE>	<NONE>	<NONE>
4722	<NONE>	<NONE>	<NONE>	3873550	(AL033534) serine-rich protein	2.7

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4723	AL010156	Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-87, complete sequence	0.77	<NONE>	<NONE>	<NONE>
4724	AF059198	Homo sapiens protein kinase/endoribon ulcease	2	119110	EBNA-1 NUCLEAR PROTEIN herpesvirus 4 (strain B95-8) >gi 1334880 (V01555) BKRF1 encodes EBNA-1 protein, latent cycle gene. [Human herpesvirus 4]	8e-007
4725	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4727	D38616	Human mRNA for phosphorylase kinase alpha subunit, complete cds	3.5	3522948	(AC004411) hypothetical protein [Arabidopsis thaliana]	0.18
4728	D38616	Human mRNA for phosphorylase kinase alpha subunit, complete cds	3.5	3522948	(AC004411) hypothetical protein [Arabidopsis thaliana]	0.18
4729	Z11808	T.glis interphotorecepto r retinoid binding protein gene, exon 1	1.6	<NONE>	<NONE>	<NONE>
4730	AF065988	Homo sapiens keratocan gene, complete cds	1.4	<NONE>	<NONE>	<NONE>
4731	X60026	M.domesticus small nuclear 4.5 S RNA gene	0.0003	2853301	(AF007194) mucin [Homo sapiens]	5.5
4732	M13793	Mouse 56 kdal protein mRNA from an interferon activated gene, exon 1, 5' end.	0.3	136814	HYPOTHETICAL PROTEIN UL11 RL11 FAMILY [Human cytomegalovirus]	2.3

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4733	D55696	Human mRNA for cysteine protease, complete cds	e-113	2842759	LEGUMAIN PRECURSOR (ASPARAGINYL ENDOPEPTIDASE) >gi 1743266 gnl PI D e286211 (Y09862) legumain [Homo sapiens]	1e-006
4734	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4735	<NONE>	<NONE>	<NONE>	322647	glycine-rich protein GRP22 - rape >gi 17821	3e-021
4736	<NONE>	<NONE>	<NONE>	188864	(M74027) mucin [Homo sapiens]	0.002
4737	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-005	<NONE>	<NONE>	<NONE>
4738	AB018270	Homo sapiens mRNA for KIAA0727 protein, partial cds	0	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	1.8
4739	AB018270	Homo sapiens mRNA for KIAA0727 protein, partial cds	0	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	1.8
4740	AE001382	Plasmodium falciparum chromosome 2, section 19 of 73 of the complete sequence	0.25	<NONE>	<NONE>	<NONE>
4741	AE001382	Plasmodium falciparum chromosome 2, section 19 of 73 of the complete sequence	0.25	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4742	X55038	Mouse mCENP-B gene for centromere autoantigen B	0.001	3879362	(Z81113) similar to DnaJ, prokaryotic heat shock protein, Zinc finger, C2H2 type; cDNA EST yk290e12.5 comes from this gene; cDNA EST yk290e12.3 comes from this gene; cDNA EST yk447h4.5 comes from this gene; cDNA EST yk474e4....	7e-007
4743	AF054024	Rattus norvegicus polymorphic marker D9UIA2 sequence	0.62	<NONE>	<NONE>	<NONE>
4744	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	0.0005	<NONE>	<NONE>	<NONE>
4745	Z11808	T.glis interphotoreceptor retinoid binding protein gene, exon 1	1.6	<NONE>	<NONE>	<NONE>
4746	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4747	AF047470	Homo sapiens malate dehydrogenase precursor complete cds	1e-019	2995307	(AL022268) putative aminotransferase	0.12
4748	AF029890	Homo sapiens hepatitis B virus X interacting protein (XIP) mRNA, complete cds	e-161	2745883	(AF029890) hepatitis B virus X interacting protein [Homo sapiens]	2e-044

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4750	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	8e-008	1723019	HYPOTHETICAL 29.6 KD PROTEIN CY251.12C >gi 1405764 gnl PI D e249453 (Z74410) hypothetical protein Rv0093c [Mycobacterium tuberculosis]	2.5
4751	M37583	Human histone (H2A.Z) mRNA, complete cds.	0	121994	HISTONE H2A.Z >gi 89608 pir S03 642 histone H2A.Z - bovine >gi 92380 pir S03 644 histone H2A.Z - rat >gi 106267 pir A3 5881 histone H2A.Z - human sapiens] >gi 57808 (X52316) histone H2A.Z (AA 1- 127) taurus] >gi 184060 (M37583) histone (H2A.Z) [Homo sapien	1e-055
4752	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	5e-014	<NONE>	<NONE>	<NONE>
4753	X65279	pWE15 cosmid vector DNA	7e-079	987050	(X65335) lacZ gene product [unidentified cloning vector]	1e-013
4754	D38549	Human mRNA for KIAA0068 gene, partial cds	e-169	<NONE>	<NONE>	<NONE>
4755	L27835	Pangasianodon gigas growth hormone (GH) mRNA, complete cds.	1.5	538251	(D00322) polypeptide [Tomato black ring virus]	5.8

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4756	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	0.0002	1477565	(U50078) p619 [Homo sapiens]	8.9
4757	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	0.0002	1477565	(U50078) p619 [Homo sapiens]	8.9
4758	U47414	Human cyclin G2 mRNA, complete cds	e-116	<NONE>	<NONE>	<NONE>
4759	AB014560	Homo sapiens mRNA for KIAA0660 protein, complete cds	e-173	<NONE>	<NONE>	<NONE>
4760	L35664	Homo sapiens (subclone H8 8_f5 from P1 35 H5 C8) DNA sequence.	1e-030	2072966	(U93570) p40 [Homo sapiens]	0.001
4761	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-013	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	3.1
4762	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-013	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	3.1
4763	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-012	<NONE>	<NONE>	<NONE>
4764	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-012	<NONE>	<NONE>	<NONE>
4765	M59317	Mouse low affinity IgE receptor (FcεRII) gene sequence.	1e-006	2135765	mucin 2 precursor, intestinal - human	0.0003

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4766	D14034	Human gene for Zn-alpha2-glycoprotein, complete cds	3e-008	119379	RETROVIRUS-RELATED ENV POLYPROTEIN	6e-007
4767	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4768	M61185	Bovine glutamic acid-rich protein mRNA, complete cds.	0.01	2781362	(AC003113) F24O1.18 [Arabidopsis thaliana]	1.1
4769	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4770	Z62012	H.sapiens CpG DNA, clone 61g4, reverse read cpg61g4.rtl.a	0.076	1582765	YFW1 gene [Saccharomyces cerevisiae]	2.9
4771	M29065	Human hnRNP A2 protein mRNA.	0	4049652	(AF063866) ORF MSV017 hypothetical protein [Melanoplus sanguinipes entomopoxvirus]	5.9
4772	D12525	Homo sapiens cytochrome P450IA1 gene, 3'flanking region	6e-016	728837	!!!! ALU SUBFAMILY SQ WARNING ENTRY	9.6
4773	M16660	Human 90-kDa heat-shock protein gene, cDNA, complete cds.	e-109	2119731	HSP90 - mouse (fragment) protein {C-terminal} [mice, heart, Peptide Partial, 194 aa] [Mus sp.]	1e-023
4774	AF043105	Homo sapiens glutathione S-transferase mu 3	9e-020	728831	!!!! ALU SUBFAMILY J WARNING ENTRY	0.63
4775	U43374	Human normal keratinocyte mRNA.	0	120179	FINQ PROTEIN >gi 73172 pir BV ECFQ finQ protein - Escherichia coli plasmid R820a	9
4776	U00684	Human unknown mRNA.	2e-014	2224667	(AB002361) KIAA0363 [Homo sapiens]	6.6

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4777	M22299	Human T-plastin polypeptide mRNA, complete cds, clone p4. > :: gb I08151 Sequence 1 from Patent EP 0345726	4e-008	<NONE>	<NONE>	<NONE>
4778	M95623	Homo sapiens hydroxymethylbilane synthase gene, complete cds.	3e-018	3002527	(AF010144) neuronal thread protein AD7c-NTP [Homo sapiens]	0.52
4779	X52329	pBluescript II KS(-) vector DNA, phagemid excised from lambda ZAPII	0	2117615	catalase - Campylobacter jejuni	2e-009
4780	X52329	pBluescript II KS(-) vector DNA, phagemid excised from lambda ZAPII	0	2117615	catalase - Campylobacter jejuni	2e-009
4781	AF061034	Homo sapiens FIP2 alternatively translated mRNA, complete cds	0	3127084	(AF061034) FIP2 [Homo sapiens]	9e-089
4782	Z64776	H.sapiens CpG DNA, clone 167d8, forward read cpg167d8.ft1b .	0.0002	1777782	(U52513) ISG family member [Homo sapiens]	1.8
4783	D31786	Acyrtosiphon kondoi endosymbiont DNA, S10 and spc ribosomal protein gene operons, complete and partial cds	1.1	2134310	cell division control protein CDC37 homolog splice form 1 - chicken	4e-005
4784	L05491	Homo sapiens T-plastin gene, last exon (16).	0	2506254	T-PLASTIN	3e-018
4785	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	8e-007	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4786	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7e-006	3877438	(Z72510) similar to G-protein coupled receptor [Caenorhabditis elegans]	2
4787	L38250	Mycoplasma penetrans p35 lipoprotein and p33 lipoprotein genes, complete cds	0.041	<NONE>	<NONE>	<NONE>
4788	J03537	Human ribosomal protein S6 mRNA, complete cds.	e-138	133978	40S RIBOSOMAL PROTEIN S6 protein S6 - rat >gi 70933 pir R3 MS6 ribosomal protein S6 - mouse >gi 319910 pir R3 HU6 ribosomal protein S6 - human >gi 36148 (X67309) ribosomal protein S6 [Homo sapiens] >gi 54010 (Y00348) ribosomal protein S6 [Mus musculus] >g	3e-033
4789	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	1e-011	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	2.6
4790	AF041210	Homo sapiens midline 1 fetal kidney isoform 3	0.41	<NONE>	<NONE>	<NONE>
4791	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	3e-010	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	3.2

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4792	S60885	LYAR=cell growth regulating nucleolar protein	2e-026	2498524	CELL GROWTH REGULATING NUCLEOLAR PROTEIN >gi 423488 pir A40683 cell growth regulating nucleolar protein LYAR - mouse >gi 300372 bbs 131782	0.43
4793	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4794	U28687	Human zinc finger containing protein ZNF157	3e-027	1731444	ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2) >gi 1020145 (M27878) DNA binding protein	3e-008
4795	AF086438	Homo sapiens full length insert cDNA clone ZD80G11	0.0002	<NONE>	<NONE>	<NONE>
4796	L28997	Homo sapiens ARL1 mRNA, complete cds	3e-006	<NONE>	<NONE>	<NONE>
4797	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	3e-008	1280126	(U55375) K03E6.4 [Caenorhabditis elegans]	2e-012
4798	AE001415	Plasmodium falciparum chromosome 2, section 52 of 73 of the complete sequence	0.015	<NONE>	<NONE>	<NONE>
4799	D21853	Human mRNA for KIAA0111 gene, complete cds	0	729821	EUKARYOTIC INITIATION FACTOR 4A-LIKE NUK-34 (HA0659) >gi 631472 pir S45142 translation initiation factor eIF-4A2 homolog - human >gi 496902	2e-010

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4800	M76425	H.sapiens intron 2 Alu repetitive element.	0.014	<NONE>	<NONE>	<NONE>
4801	X87212	H.sapiens mRNA for cathepsin C	0	1582221	prepro-cathepsin C [Homo sapiens]	1e-052
4802	D80005	Human mRNA for KIAA0183 gene, partial cds	e-114	1136426	(D80005) KIAA0183 [Homo sapiens]	7e-025
4803	AF026029	Homo sapiens poly(A) binding protein II (PABP2) gene, complete cds	2e-055	<NONE>	<NONE>	<NONE>
4804	Z68322	Human DNA sequence from cosmid L79F5, Huntington's Disease Region, chromosome 4p16.3	2e-016	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.6
4805	M63180	Human threonyl-tRNA synthetase mRNA, complete cds	0	135177	THREONYL-TRNA SYNTHETASE, CYTOPLASMIC (THREONINE--TRNA LIGASE) (THRRS) 6.1.1.3) - human >gi 1464742 (M63180) threonyl-tRNA synthetase [Homo sapiens]	5e-070
4806	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3.7	<NONE>	<NONE>	<NONE>
4807	D16431	Human mRNA for hepatoma-derived growth factor, complete cds	3e-010	<NONE>	<NONE>	<NONE>
4808	AF086168	Homo sapiens full length insert cDNA clone ZB82D09	e-148	1465826	(U64856) weak similarity to TPR domains [Caenorhabditis elegans]	2e-014

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4809	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-012	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	4.4
4810	M34651	Pseudorabies virus with upstream and downstream sequences.	0.4	417134	HEPATOCYTE NUCLEAR FACTOR 3-BETA [norvegicus]	0.047
4811	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	3e-010	1353390	(U34998) Rad9 [Coprinus cinereus]	3e-010
4812	M94314	Homo sapiens ribosomal protein L30 mRNA, complete cds	1e-064	<NONE>	<NONE>	<NONE>
4813	X95276	P.falciparum complete gene map of plastid- like DNA (IR-B)	0.001	<NONE>	<NONE>	<NONE>
4814	X12716	Human Retrovirus mRNA for LTR (clone cH6)	5e-024	<NONE>	<NONE>	<NONE>
4815	J03537	Human ribosomal protein S6 mRNA, complete cds.	e-138	133978	40S RIBOSOMAL PROTEIN S6 protein S6 - rat >gi 70933 pir R3 MS6 ribosomal protein S6 - mouse >gi 319910 pir R3 HU6 ribosomal protein S6 - human >gi 36148 (X67309) ribosomal protein S6 [Homo sapiens] >gi 54010 (Y00348) ribosomal protein S6 [Mus musculus] >g	3e-033
4816	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4817	U61945	Caenorhabditis elegans cosmid C49C8.	1.8	<NONE>	<NONE>	<NONE>
4818	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4819	M20020	Human ribosomal protein S6 mRNA, complete cds.	7e-072	225901	ribosomal protein S6 [Rattus norvegicus]	2e-015
4820	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.058	<NONE>	<NONE>	<NONE>
4821	AL023973	Human DNA sequence from clone 1033E15 on chromosome 22q13.1-13.2. Contains part of a novel gene, ESTs and a GSS, complete sequence [Homo sapiens]	3e-009	2352260	(AF000949) keratin [Canis familiaris]	0.037
4822	M37430	Pea Chloroplast 4.5S, 5S, 16S and 23S mRNA.	4.7	4093193	(AF106583) unknown [Caenorhabditis elegans]	4.8
4823	M63488	Human replication protein A 70kDa subunit mRNA complete cds.	0	1350579	REPLICATION PROTEIN A 70 KD DNA-BINDING SUBUNIT (RP-A) (RF-A) (REPLICATION FACTOR-A PROTEIN 1) (SINGLE-STRANDED DNA-BINDING PROTEIN) subunit [Homo sapiens]	8e-079
4824	X83791	C.tentans BR1 gene	1.2	<NONE>	<NONE>	<NONE>
4825	U67576	Methanococcus jannaschii section 118 of 150 of the complete genome	4	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4826	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-009	<NONE>	<NONE>	<NONE>
4827	X65319	Cloning vector pCAT-Enhancer	2e-077	987050	(X65335) lacZ gene product [unidentified cloning vector]	2e-011
4828	X03558	Human mRNA for elongation factor 1 alpha subunit	0	1169475	ELONGATION FACTOR 1- ALPHA 1	e-109
4829	X76538	H.sapiens Mpv17 mRNA	6.00E-98	730059	MPV17 PROTEIN >gi 631208 pir S4 5343 glomerulosclerosis protein Mpv17 - human	3e-010
4830	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4831	<NONE>	<NONE>	<NONE>	2078483	(U43200) antifreeze glycopeptide AFGP polypeptide precursor [Boreogadus saida]	0.014
4832	X83617	H.sapiens mRNA for RanBP1	3.4	3924670	(AC004990) supported by Genscan and several ESTs: C83049	3e-040
4833	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-011	3024677	ISOLEUCYL- TRNA SYNTHETASE isoleucyl-tRNA synthetase (ileS) [Helicobacter pylori]	0.005
4834	J02763	Human calcyclin gene, complete cds.	1e-043	<NONE>	<NONE>	<NONE>
4835	L10910	Homo sapiens splicing factor (CC1.3) mRNA, complete cds.	0.00E+00	<NONE>	<NONE>	<NONE>
4836	X53586	Human mRNA for integrin alpha 6	2e-099	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4837	Z57594	H.sapiens CpG DNA, clone 186c5, reverse read cpg186c5.rt1b .	1.4	<NONE>	<NONE>	<NONE>
4838	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4839	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7e-007	<NONE>	<NONE>	<NONE>
4840	Y00371	Human hsc70 gene for 71 kd heat shock cognate protein > :: gb AR013986 AR013986 Sequence 15 from patent US 5773245	e-145	987050	(X65335) lacZ gene product [unidentified cloning vector]	7e-011
4841	AF074991	Homo sapiens full length insert cDNA YH88A03	0.0005	<NONE>	<NONE>	<NONE>
4842	AF055030	Homo sapiens clone 24538 mRNA sequence	2e-049	2842711	ZINC-FINGER PROTEIN UBI-D4 sapiens]	2e-016
4843	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-005	1353531	(U38906) ORF14 [Bacteriophage r1t]	7.1
4844	Z57588	H.sapiens CpG DNA, clone 186b7, reverse read cpg186b7.rt1b .	0.41	<NONE>	<NONE>	<NONE>
4845	X65319	Cloning vector pCAT-Enhancer	9e-051	987050	(X65335) lacZ gene product [unidentified cloning vector]	0.37
4846	X78411	B.pasteurii ureA, ureB and ureC genes.	3.1	<NONE>	<NONE>	<NONE>
4847	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3e-009	2224697	(AB002376) KIAA0378 [Homo sapiens]	5e-008

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4848	U78729	Homo sapiens mad protein homolog Smad2 gene, exon 6	4.7	<NONE>	<NONE>	<NONE>
4849	D55696	Human mRNA for cysteine protease, complete cds	0	2842759	LEGUMAIN PRECURSOR (ASPARAGINYL ENDOPEPTIDASE) >gi 1743266 gnl PI D e286211 (Y09862) legumain [Homo sapiens]	3e-030
4850	U95097	Xenopus laevis mitotic phosphoprotein 43 mRNA, partial cds	0.43	3005603	(AF053141) progesterone receptor [Equus caballus]	2.2
4851	U46118	Rattus norvegicus cytochrome P450 3A9 mRNA, complete cds	0.38	<NONE>	<NONE>	<NONE>
4852	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-006	2495726	HYPOTHETICAL PROTEIN KIAA0254 sapiens]	1e-005
4853	L10911	Homo sapiens splicing factor (CC1.4) mRNA, complete cds.	e-117	<NONE>	<NONE>	<NONE>
4854	D00132	Acremonium chrysogenum ARS DNA fragment	1.7	130998	SALIVARY PROLINE-RICH PROTEIN PRECURSOR (CLONE CP7) [CONTAINS: BASIC PEPTIDE P-F] glycoprotein precursor PRB2 - human (fragment) precursor [Homo sapiens]	0.45
4855	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	4e-011	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.9

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4856	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4857	AC002186	Homo sapiens (subclone 1_f12 from P1 H115) DNA sequence	1e-041	2072966	(U93570) p40 [Homo sapiens]	4e-013
4858	AF053520	Homo sapiens allele 12 fragile site locus	0.61	<NONE>	<NONE>	<NONE>
4859	X65319	Cloning vector pCAT-Enhancer	2e-077	987050	(X65335) lacZ gene product [unidentified cloning vector]	2e-011
4860	AJ005866	Homo sapiens mRNA for putative Sqv-7- like protein, partial	e-179	4008517	(AJ005866) Sqv- 7-like protein [Homo sapiens]	3e-049
4861	AF052165	Homo sapiens clone 24522 mRNA sequence	4e-072	2065177	(Y12790) Supt5h protein [Homo sapiens] sapiens]	1e-021
4862	M90058	Human serglycin gene, exons 1,2, and 3.	0.005	<NONE>	<NONE>	<NONE>
4863	U17662	Human neurofibromatosis 1 (NF1) gene, exons 4c and 5 and partial cds	1.3	<NONE>	<NONE>	<NONE>
4864	U64453	Human ELK1 pseudogene (ELK2) and immunoglobulin heavy chain gamma pseudogene (IGHGP)	3e-018	<NONE>	<NONE>	<NONE>
4865	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-005	<NONE>	<NONE>	<NONE>
4866	X16826	Drosophila melanogaster DNA for 60C beta tubulin gene making beta 3 tubulin isoform	2.2	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4867	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-009	<NONE>	<NONE>	<NONE>
4868	X65319	Cloning vector pCAT-Enhancer	8e-081	987050	(X65335) lacZ gene product [unidentified cloning vector]	3e-015
4869	AL031322	S.pombe chromosome II cosmid c17D1	0.38	<NONE>	<NONE>	<NONE>
4870	M11560	Human aldolase A mRNA, complete cds.	0	553861	(J05517) aldolase A [Mus musculus]	2e-066
4871	U28831	Human protein immuno-reactive with anti-PTH polyclonal antibodies mRNA, partial cds. > :: gb I40055 I40055 Sequence 1 from patent US 5618695	e-106	896065	(U28831) protein that is immuno- reactive with anti- PTH polyclonal antibodies [Homo sapiens]	1e-014
4872	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-005	<NONE>	<NONE>	<NONE>
4873	<NONE>	<NONE>	<NONE>	107112	mucin, tracheal (AMN-22) - human (fragment)	4e-009
4874	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-011	<NONE>	<NONE>	<NONE>
4875	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-011	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4876	D85752	Enterococcus faecalis plasmid pPD1 bacA, bacB, bacC, bacD, bacE, bacF, bacG, bacH and bacI genes, complete cds	0.042	1123087	(U42436) C49H3.3 gene product [Caenorhabditis elegans]	0.001
4877	AC001443	Homo sapiens (subclone 2_f10 from BAC 2913	1e-033	2072961	(U93568) putative p150 [Homo sapiens]	3e-007
4878	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	4e-012	<NONE>	<NONE>	<NONE>
4879	S81433	heme oxygenase-2 {5' region, alternative splicing}	4.2	<NONE>	<NONE>	<NONE>
4880	M34312	S.cerevisiae telomeric sequence DNA, clone YLP108CA-4-ii.	5e-010	188864	(M74027) mucin [Homo sapiens]	2e-007
4881	AF075079	Homo sapiens full length insert cDNA YQ80A08	1.00E-12	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	4.6
4882	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.015	3176689	(AC003671) Contains similarity to ubiquitin carboxyl-terminal hydrolase 14 gb Z35927 from S. cerevisiae. [Arabidopsis thaliana]	4.5
4883	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.12	<NONE>	<NONE>	<NONE>
4884	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7e-007	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4885	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7e-007	<NONE>	<NONE>	<NONE>
4886	U74586	Rattus norvegicus double-stranded RNA specific adenosine deaminase (RED2) mRNA, complete cds	3.5	2828280	(AL021687) putative protein [Arabidopsis thaliana] >gi 2832633 gnl PI D e1249651 (AL021711) putative protein [Arabidopsis thaliana]	4e-008
4887	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	5e-014	2497599	LAMININ BETA-2 CHAIN PRECURSOR	5.4
4888	D78572	House mouse; Musculus domesticus mRNA for membrane glycoprotein, complete cds > :: dbj E12950 E12950 cDNA GA3-43 encoding novel polypeptide which appear when differentiate from embryo-tumor cell P19 to nerve cell	7e-017	1545807	(D78572) membrane glycoprotein [Mus musculus]	1.2
4889	L07273	Rattus norvegicus carboxypeptidase E (CPE) gene, exon 1.	3.2	<NONE>	<NONE>	<NONE>
4890	Z46629	Homo sapiens SOX9 mRNA. > :: gb G28593 G28593 human STS SHGC-35378.	e-132	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4891	M30802	Human aromatase cytochrome P-450 gene, exon 8.	3.3	<NONE>	<NONE>	<NONE>
4892	M28699	Homo sapiens nucleolar phosphoprotein B23 (NPM1) mRNA, complete cds.	5e-088	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.2
4893	M89955	Human 5-HT1D-type serotonin receptor gene, complete cds.	0	2494923	5-HYDROXYTRYPTAMINE 1D RECEPTOR 1D [Cavia porcellus]	3e-008
4894	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.0002	<NONE>	<NONE>	<NONE>
4895	AF004230	Homo sapiens monocyte/macrophage Ig-related receptor MIR-7 (MIR cl-7) mRNA, complete cds	2e-012	<NONE>	<NONE>	<NONE>
4896	D50463	Mouse SDR1 mRNA, complete cds	0	1806276	(X99337) glycoprotein 55 [Rattus norvegicus]	e-103
4897	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4898	AB014597	Homo sapiens mRNA for KIAA0697 protein, partial cds	2e-067	3327208	(AB014597) KIAA0697 protein [Homo sapiens]	9e-051
4899	AF047598	Homo sapiens origin recognition complex subunit 4 (ORC4L) mRNA, complete cds	e-110	2736149	(AF022108) putative replication initiator origin recognition complex subunit Orc4Lp [Homo sapiens] subunit 4; Orc4p [Homo sapiens]	7e-005

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4900	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7e-007	<NONE>	<NONE>	<NONE>
4901	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7e-007	<NONE>	<NONE>	<NONE>
4902	U22325	Mus musculus facio-genital dysplasia (Fgd1) mRNA, complete cds.	1.20E+00	<NONE>	<NONE>	<NONE>
4903	U22325	Mus musculus facio-genital dysplasia (Fgd1) mRNA, complete cds.	1.20E+00	<NONE>	<NONE>	<NONE>
4904	U22325	Mus musculus facio-genital dysplasia (Fgd1) mRNA, complete cds.	1.20E+00	<NONE>	<NONE>	<NONE>
4905	U26162	Human myosin regulatory light chain mRNA, complete cds.	0	228542	myosin:SUBUNIT =regulatory light chain	3e-068
4906	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4907	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-011	3822225	(AF079183) RING-H2 finger protein RHG1a [Arabidopsis thaliana]	4e-006
4908	X65319	Cloning vector pCAT-Enhancer	1e-075	987050	(X65335) lacZ gene product [unidentified cloning vector]	8e-019
4909	AJ010475	Arabidopsis thaliana mRNA for DEAD box RNA helicase, RH28	0.62	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4910	U48364	Mus musculus muscle-specific transcriptional activator alpha-NAC gp220 (Naca) mRNA, complete cds	0.2	<NONE>	<NONE>	<NONE>
4911	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4912	J03750	Mouse single stranded DNA binding protein p9 mRNA, complete cds.	e-135	1709514	ACTIVATED RNA POLYMERASE II TRANSCRIPTIONAL COACTIVATOR P15 (PC4) (P14) cofactor p15 - human >gi 531395 (U12979) PC4 [Homo sapiens] >gi 619161 (X79805) PC4, p15 [Homo sapiens]	1e-020
4913	U70263	Border disease virus strain BD31, complete genome	3.2	<NONE>	<NONE>	<NONE>
4914	AB012086	Canine herpesvirus gene for immediate-early protein, complete cds	0.37	<NONE>	<NONE>	<NONE>
4915	X05908	Human mRNA for lipocortin	e-162	113944	ANNEXIN I (LIPOCORTIN I) (CALPACTIN II) (CHROMOBINDIN 9) (P35) (PHOSPHOLIPASE A2 INHIBITORY PROTEIN) >gi 71756 pir LU HU annexin I - human >gi 34388	9e-041
4916	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4917	U90911	Human clone 23652 mRNA sequence	0.13	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4918	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	8e-007	<NONE>	<NONE>	<NONE>
4919	X57830	H.sapiens serotonin 5-HT2 receptor mRNA > :: gb G28536 G285 36 human STS SHGC-31576.	4e-011	<NONE>	<NONE>	<NONE>
4920	U67559	Methanococcus jannaschii section 101 of 150 of the complete genome	3.5	<NONE>	<NONE>	<NONE>
4921	M20020	Human ribosomal protein S6 mRNA, complete cds.	0	133978	40S RIBOSOMAL PROTEIN S6 protein S6 - rat >gi 70933 pir R3 MS6 ribosomal protein S6 - mouse >gi 319910 pir R3 HU6 ribosomal protein S6 - human >gi 36148 (X67309) ribosomal protein S6 [Homo sapiens] >gi 54010 (Y00348) ribosomal protein S6 [Mus musculus] >g	2e-072
4922	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	6e-006	<NONE>	<NONE>	<NONE>
4923	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	6e-006	<NONE>	<NONE>	<NONE>
4924	X76683	Plasmid vector pHM2 betalactamase gene	e-160	987050	(X65335) lacZ gene product [unidentified cloning vector]	3e-015

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4925	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4926	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	0.002	<NONE>	<NONE>	<NONE>
4927	D50369	Homo sapiens mRNA for low molecular mass ubiquinone-binding protein, complete cds	e-152	3024781	UBIQUINOL-CYTOCHROME C REDUCTASE COMPLEX UBIQUINONE-BINDING PROTEIN QP-C PROTEIN) (COMPLEX III SUBUNIT VII) >gi 2605590 (D50369) low molecular mass ubiquinone-binding protein [Homo sapiens]	6e-023
4928	M63391	Human desmin gene, complete cds.	4e-013	<NONE>	<NONE>	<NONE>
4929	D38417	Mouse mRNA for arylhydrocarbon receptor, complete cds	e-110	<NONE>	<NONE>	<NONE>
4930	U38253	Rattus norvegicus initiation factor eIF-2B gamma subunit (eIF-2B gamma) mRNA, complete cds	e-175	2494312	TRANSLATION INITIATION FACTOR EIF-2B GAMMA SUBUNIT (EIF-2B GDP-GTP EXCHANGE FACTOR) subunit [Rattus norvegicus]	4e-040
4931	D38417	Mouse mRNA for arylhydrocarbon receptor, complete cds	e-110	<NONE>	<NONE>	<NONE>
4932	U50767	Mus musculus alpha 1 type I collagen gene, partial cds and 3' flanking region.	1.2	<NONE>	<NONE>	<NONE>
4933	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4934	U86137	Mus musculus telomerase protein-1 mRNA, complete cds	1.70E-01	3327208	(AB014597) KIAA0697 protein [Homo sapiens]	9e-006
4935	S57980	Crp1=cystatin-related protein-1 [rats, Genomic, 7673 nt]	0.041	<NONE>	<NONE>	<NONE>
4936	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4937	AB012047	Arabidopsis thaliana gene for sulfate transporter, complete cds, clone:AST56	0.14	3915658	ATP-DEPENDENT RNA HELICASE A helicase II [Homo sapiens]	6.1
4938	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-007	<NONE>	<NONE>	<NONE>
4939	AB018374	Mus musculus GARP34 mRNA, complete cds	3e-037	<NONE>	<NONE>	<NONE>
4940	AF001498	Campylobacter jejuni polysaccharide biosynthesis protein homolog gene, partial cds, galactosyl transferase homolog, UDP-galactose phosphate transferase homolog, acetyl transferase homolog and aminotransferase homolog gen...	3e-005	<NONE>	<NONE>	<NONE>
4941	J04617	Human elongation factor EF-1-alpha gene, complete cds. > :: dbj E02629 E02629 DNA of human polypeptide chain elongation factor-	3e-090	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
		1 alpha				
4942	Z54349	H.sapiens MN/CA9 GENE	2e-007	<NONE>	<NONE>	<NONE>
4943	AF077374	Homo sapiens small proline-rich protein (SPRR3) gene, exons 1, 2, and 3 and complete cds	1.3	<NONE>	<NONE>	<NONE>
4944	X59828	Human chromosome 22 flanking hypervariable simple repeat DNA (clone HZREP42)	0.0003	<NONE>	<NONE>	<NONE>
4945	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1.00E-09	124180	TRANSCRIPTIO NAL REGULATOR IE63 human herpesvirus 1 (strain 17) herpesvirus 1] >gi 221713 (D00374) immediate early transcriptional modulating protein IE63 (gene UL54) herpesvirus 1]	5.8
4946	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1.00E-09	124180	TRANSCRIPTIO NAL REGULATOR IE63 human herpesvirus 1 (strain 17) herpesvirus 1] >gi 221713 (D00374) immediate early transcriptional	5.8

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
					modulating protein IE63 (gene UL54) herpesvirus 1]	
4947	X76683	Plasmid vector pHM2 betalactamase gene	8e-092	987050	(X65335) lacZ gene product [unidentified cloning vector]	3e-015
4948	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4949	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2.00E-04	<NONE>	<NONE>	<NONE>
4950	X16972	Drosophila melanogaster cecropin gene cluster	1.20E-01	1362688	morphogen Xhh precursor - African clawed frog >gi 790938 (L39213) morphogen [Xenopus laevis]	1.9
4951	U12022	Human calmodulin (CALM1) gene, exons 2,3,4,5 and 6, and complete cds	0	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.9
4952	X56536	Rabbit mRNA for pH regulatory protein (Na ⁺ /H ⁺ exchanger), partial	2.3	119110	EBNA-1 NUCLEAR PROTEIN herpesvirus 4 (strain B95-8) >gi 1334880 (V01555) BKRF1 encodes EBNA-1 protein, latent cycle gene. [Human herpesvirus 4]	4e-018

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4953	AF037438	Homo sapiens short chain L-3-hydroxyacyl-CoA dehydrogenase (SCHAD) gene, complete cds	2e-006	<NONE>	<NONE>	<NONE>
4954	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-012	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	3.4
4955	AB000467	Homo sapiens mRNA, partial cds, clone:RES4-25	2e-012	<NONE>	<NONE>	<NONE>
4956	U31525	Human glycogenin mRNA, complete cds	0	1707996	GLYCOGENIN >gi 2135280 pir J C4695 glycogenin glucosyltransferase (EC 2.4.1.186) - human	5e-042
4957	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4958	AF003836	Mesocricetus auratus isopentenyl diphosphate:dime thylallyl diphosphate isomerase mRNA, complete cds	1.30E+00	<NONE>	<NONE>	<NONE>
4959	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4960	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4961	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	4.90E-02	<NONE>	<NONE>	<NONE>
4962	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	4.90E-02	<NONE>	<NONE>	<NONE>
4963	L32537	Homo sapiens (clone XP6G6B) mRNA, partial EST.	5.00E-03	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4964	L32537	Homo sapiens (clone XP6G6B) mRNA, partial EST.	5.00E-03	<NONE>	<NONE>	<NONE>
4965	X63787	T.thermophila gene for snRNA U3-2	0.41	<NONE>	<NONE>	<NONE>
4966	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4967	U27341	Bos taurus endothelin converting enzyme-2 Sequence 1 from patent US 5736376	7e-015	<NONE>	<NONE>	<NONE>
4968	U35114	Human apolipoprotein E (APOE) gene, hepatic control region HCR-2	9e-005	<NONE>	<NONE>	<NONE>
4969	M86374	Rat tropoelastin gene, intron 25 (partial).	0.13	<NONE>	<NONE>	<NONE>
4970	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-007	<NONE>	<NONE>	<NONE>
4971	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-007	<NONE>	<NONE>	<NONE>
4972	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-007	<NONE>	<NONE>	<NONE>
4973	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7.00E-07	<NONE>	<NONE>	<NONE>
4974	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7.00E-07	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4975	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7.00E-07	<NONE>	<NONE>	<NONE>
4976	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.005	2995290	(AL022268) putative transmembrane transport protein [Streptomyces coelicolor]	1.50E-02
4977	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.005	2995290	(AL022268) putative transmembrane transport protein [Streptomyces coelicolor]	1.50E-02
4978	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.005	2995290	(AL022268) putative transmembrane transport protein [Streptomyces coelicolor]	1.50E-02
4979	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2.00E-05	2983512	(AE000718) putative protein [Aquifex aeolicus]	2.2
4980	X56536	Rabbit mRNA for pH regulatory protein (Na ⁺ /H ⁺ exchanger), partial	2.3	119110	EBNA-1 NUCLEAR PROTEIN herpesvirus 4 (strain B95-8) >gi 1334880 (V01555) BKRF1 encodes EBNA-1 protein, latent cycle gene. [Human herpesvirus 4]	4e-018
4981	Z11508	A.thaliana rpl15 gene for plastid ribosomal protein CL15	5.00E-03	3283910	(AF070638) unknown [Homo sapiens]	2.5
4982	X95834	H.sapiens DNA sequence surrounding NotI site, clone NRLA143D	7e-070	1588365	signal peptidase:SUBUNIT=12kD [Homo sapiens]	1e-043

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4983	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-007	4008081	(AF106835) putative DnaJ [Methylovorus sp. strain SS1]	3e-010
4984	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4985	U43626	Human chromosome 15q11-q13 putative DNA replication origin in the g-aminobutyric acid receptor b3 and a5 gene cluster	2e-018	2197085	(AF003535) ORF2-like protein [Homo sapiens]	0.0002
4986	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4987	D21272	Rice mRNA for ADP-glucose pyrophosphorylase	1.1	1708084	EXOGLUCANASE B PRECURSOR 1,4-beta-cellobiosidase (EC 3.2.1.91) precursor - Cellulomonas fimi >gi 790698 (L38827) beta-1,4-cellobiohydrolase [Cellulomonas fimi]	5.8
4988	U59706	Gallus gallus alternatively spliced AMPA glutamate receptor, isoform GluR2 flop, (GluR2) mRNA, partial cds.	0.015	<NONE>	<NONE>	<NONE>
4989	AF086033	Homo sapiens full length insert cDNA clone YW26E09	e-174	<NONE>	<NONE>	<NONE>
4990	L31840	Rattus norvegicus nuclear pore complex protein NUP107 mRNA, complete cds.	e-179	1709212	NUCLEAR PORE COMPLEX PROTEIN NUP107	2e-083

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4991	AF052144	Homo sapiens clone 24573 and 24786 mRNA sequences	e-170	1174415	SPIDROIN 2 (DRAGLINE SILK FIBROIN 2) >gi 345426 pir A44112 spidroin 2, dragline silk fibroin - orb spider (Nephila clavipes) (fragment) clavipes]	4.8
4992	M22406	Human intestinal mucin mRNA, partial cds, clone SMUC 42.	0.085	188864	(M74027) mucin [Homo sapiens]	1e-009
4993	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4994	U24697	Chironomus samoensis nanos homolog (Cs nos) gene, complete cds.	0.13	3880999	(AL021492) Y45F10D.11 [Caenorhabditis elegans]	7e-022
4995	M64716	Human ribosomal protein S25 mRNA, complete cds.	4e-074	2943738	(AB011550) Drosophila Policombl-like-related gene containing PHD fingers. [Mus musculus]	4e-011
4996	X54326	H.sapiens mRNA for glutaminyl-tRNA synthetase	0	135104	MULTIFUNCTIONAL AMINOACYL-TRNA SYNTHETASE (CONTAINS: GLUTAMYL-TRNA SYNTHETASE glutamyl-prolyl-tRNA synthetase - human >gi 31958	1e-088
4997	Z12112	pWE15A cosmid vector DNA	2e-028	987050	(X65335) lacZ gene product [unidentified cloning vector]	2e-007
4998	Z62939	H.sapiens CpG DNA, clone 75f1, forward read cpg75f1.ft1b .	3e-010	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4999	<NONE>	<NONE>	<NONE>	2134574	mucin - rhesus macaque (fragment) >gi 437055	5e-005
5000	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	9e-009	<NONE>	<NONE>	<NONE>
5001	Z93950	H.sapiens DNA; chromosome Y repeat regions	0.15	<NONE>	<NONE>	<NONE>
5002	X64037	H.sapiens mRNA for RNA polymerase II associated protein RAP74	5e-056	<NONE>	<NONE>	<NONE>
5003	M37583	Human histone (H2A.Z) mRNA, complete cds.	e-132	121994	HISTONE H2A.Z >gi 89608 pir S03642 histone H2A.Z - bovine >gi 92380 pir S03644 histone H2A.Z - rat >gi 106267 pir A35881 histone H2A.Z - human sapiens] >gi 57808 (X52316) histone H2A.Z (AA 1-127) taurus] >gi 184060 (M37583) histone (H2A.Z) [Homo sapien	2e-044
5004	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	4e-011	<NONE>	<NONE>	<NONE>
5005	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	4e-011	<NONE>	<NONE>	<NONE>
5006	M94764	Glycine max cv. Dare nodulin 26 gene fragment.	0.043	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5007	Z34287	B.subtilis (SO113) genomic DNA (5425bp)	1.2	<NONE>	<NONE>	<NONE>
5008	X76683	Plasmid vector pHM2 betalactamase gene	6e-078	987050	(X65335) lacZ gene product [unidentified cloning vector]	2e-014
5009	D17577	Mouse mRNA for kinesin-like protein (Kif1b), complete cds	e-109	2497524	KINESIN-LIKE PROTEIN KIF1B mouse >gi 407339 gnl PI D d1005029 (D17577) Kif1b [Mus musculus]	9e-041
5010	X91192	H.sapiens PLC beta 3 gene (exon 1) and SOM172 gene (exon 1)	1e-096	3294231	(AJ223970) mono-methyl transferase	3
5011	D88271	Human (lambda) DNA for immunoglobulin light chain	1e-021	<NONE>	<NONE>	<NONE>
5012	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5013	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5014	AF052133	Homo sapiens clone 23970 mRNA sequence	0	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.9
5015	M21731	Human lipocortin-V mRNA, complete cds.	e-169	999934	Annexin V (Lipocortin V, Endonexin Ii, Placental Anticoagulant Protein) Mutant With Glu 17 Replaced By Gly, Glu 78 Replaced By Gln (E17g,E78q) Complexed With Calcium	4e-005

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5016	M21731	Human lipocortin-V mRNA, complete cds.	e-169	999934	Annexin V (Lipocortin V, Endonexin II, Placental Anticoagulant Protein) Mutant With Glu 17 Replaced By Gly, Glu 78 Replaced By Gln (E17G,E78Q) Complexed With Calcium	4e-005
5017	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5018	L44118	Homo sapiens proximal CMT1A-REP repeat	0.0005	<NONE>	<NONE>	<NONE>
5019	Y16849	Bacillus sp. D3 xynA and abfA genes and ORF1	2e-015	<NONE>	<NONE>	<NONE>
5020	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-006	465975	PUTATIVE ATP-DEPENDENT RNA HELICASE T26G10.1 IN CHROMOSOME III >gi 482102 pir S40731 ATP-dependent RNA helicase homolog T26G10.1 - Caenorhabditis elegans >gi 3880293 gnl PI D e1349766 1397-1495 which introduced stop codon at 3' splice; 5' splice looks v.	9e-005
5021	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-006	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5022	U02455	Cloning vector rpDR2, complete sequence.	0.35	2132302	hypothetical protein YPR144c - yeast similarity near C-terminus to RNA Polymerase beta subunit (Swiss Prot. accession number P11213) and CCAAT-binding transcription factor (PIR accession number A36368) [Saccharomyces cerevisiae]	1e-031
5023	X97999	H.sapiens mRNA for transcription factor IID, subunit TAFII55	0	3024690	TRANSCRIPTIO N INITIATION FACTOR TFIID 55 KD SUBUNIT (TAFII-55) (TAFII55) factor IID [Homo sapiens]	4e-083
5024	X71642	M.musculus GEG-154 mRNA	3e-092	<NONE>	<NONE>	<NONE>
5025	X71642	M.musculus GEG-154 mRNA	3e-092	<NONE>	<NONE>	<NONE>
5026	AB018270	Homo sapiens mRNA for KIAA0727 protein, partial cds	4e-061	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	7.6
5027	D90086	Human pyruvate dehydrogenase (EC 1.2.4.1) beta subunit gene, exons 1-10	4e-011	2143936	probable regulatory protein 322 - rat	7.7
5028	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.002	<NONE>	<NONE>	<NONE>
5029	X65319	Cloning vector pCAT-Enhancer	2e-081	987050	(X65335) lacZ gene product [unidentified cloning vector]	3e-015
5030	<NONE>	<NONE>	<NONE>	188864	(M74027) mucin [Homo sapiens]	0.001

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5031	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	0.0002	3258141	(AP000007) 138aa long hypothetical protein [Pyrococcus horikoshii]	9.6
5032	X98001	H.sapiens mRNA for geranylgeranyl transferase II	e-129	2506788	GERANYLGERA NYL TRANSFERASE TYPE II BETA SUBUNIT (RAB GERANYLGERA NYLTRANSFER ASE BETA SUBUNIT) (RAB GERANYL- GERANYLTRAN SFERASE BETA SUBUNIT) transferase II [Homo sapiens]	3e-026
5033	U72789	Human cosmid U197H5, complete sequence [Homo sapiens]	5e-023	<NONE>	<NONE>	<NONE>
5034	U72789	Human cosmid U197H5, complete sequence [Homo sapiens]	5e-023	<NONE>	<NONE>	<NONE>
5035	U19239	Choristoneura fumiferana entomopoxvirus spheroidin gene, complete cds, G4R gene, partial cds, and nucleoside triphosphate phosphohydrolase (NPH I) gene, partial cds.	3.8	<NONE>	<NONE>	<NONE>
5036	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	8e-009	2690166	(AE000788) B. burgdorferi predicted coding region BBK23	4

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5037	U66871	Human enhancer of rudimentary homolog mRNA, complete cds	0	2498336	ENHANCER OF RUDIMENTARY HOMOLOG homologous to DROER protein [Homo sapiens] >gi 1519519 sapiens]	6e-057
5038	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5039	X99728	H.sapiens NDUFV3 gene, exon 3	3e-092	2829450	NADH-UBIQUINONE OXIDOREDUCTASE 9 KD SUBUNIT PRECURSOR (COMPLEX I-9KD) (CI-9KD)	1e-015
5040	X78730	M. musculus DNA for the flanking sequences of the hypothalamic GRH first exons	2	<NONE>	<NONE>	<NONE>
5041	X84373	H.sapiens mRNA for nuclear factor RIP140 > :: gb G28540 G28540 human STS SHGC-31616.	e-155	<NONE>	<NONE>	<NONE>
5042	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5043	X82272	Human endogenous retrovirus env mRNA	8e-081	1196429	(M14123) pol/env ORF (bases 3878-8257) first start codon at 4172; Xxx; putative [Homo sapiens]	6e-058
5044	AF029982	Mus musculus sarco(endo)plasmic reticulum calcium ATPase (SERCA2) gene, promoter region, exons 1-3, and partial cds	0.003	3873550	(AL033534) serine-rich protein	0.018
5045	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5046	Y12781	Homo sapiens mRNA for transducin (beta) like 1 protein	1e-084	3021409	(Y12781) transducin (beta) like 1 protein [Homo sapiens]	2e-064

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5047	S63912	D10S102=FBRN P [human, fetal brain, mRNA, 3043 nt]	4e-084	<NONE>	<NONE>	<NONE>
5048	X91192	H.sapiens PLC beta 3 gene (exon 1) and SOM172 gene (exon 1)	1e-096	3294231	(AJ223970) mono-methyl transferase	3
5049	X03558	Human mRNA for elongation factor 1 alpha subunit	0	1169475	ELONGATION FACTOR 1-ALPHA 1	e-108
5050	L31783	Mus musculus uridine kinase mRNA, partial cds	3e-029	1718058	URIDINE KINASE (URIDINE MONOPHOSPHO KINASE) >gi 471981 (L31783) uridine kinase	4e-011
5051	X75652	A.longa plastid genes for tRNAs, ribosomal protein, rRNA and elongation factor	1.3	<NONE>	<NONE>	<NONE>
5052	Z93123	M.acuminata mRNA; clone pBAN UD75	1.1	<NONE>	<NONE>	<NONE>
5053	D16901	Human HepG2 3' region cDNA, clone hmd2h05	1.5	<NONE>	<NONE>	<NONE>
5054	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-011	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.7

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5055	AF043252	Homo sapiens mitochondrial outer membrane protein (Tom40) gene, nuclear gene encoding mitochondrial protein, exons 7, 8 and 9	e-106	3941342	(AF043250) mitochondrial outer membrane protein [Homo sapiens] >gi 3941347 (AF043253) mitochondrial outer membrane protein [Homo sapiens] >gi 4105703 (AF050154) D19S1177E [Homo sapiens]	6e-007
5056	X66494	R.norvegicus CHOT1 mRNA	1e-012	1545807	(D78572) membrane glycoprotein [Mus musculus]	3e-007
5057	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5058	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-007	3513368	(AB017202) entactin-2 [Mus musculus]	3e-005
5059	U77107	Fundulus lineolatus cytochrome b (cytb) gene, mitochondrial gene encoding mitochondrial protein, partial cds	0.37	3947877	(AL034382) putative mitosis and maintenance of ploidy protein [Schizosaccharom yces pombe]	7e-026
5060	X52317	Human mRNA for histone H2A.Z	5e-014	<NONE>	<NONE>	<NONE>
5061	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3e-008	<NONE>	<NONE>	<NONE>
5062	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1.2	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5063	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.0002	<NONE>	<NONE>	<NONE>
5064	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	1e-011	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	1.5
5065	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.0002	<NONE>	<NONE>	<NONE>
5066	X15943	Human calcitonin/alpha-CGRP gene	1e-012	1575563	(U66464) hematopoietic progenitor kinase [Homo sapiens]	5.6
5067	AF001175	Homo sapiens ribonuclease P protein subunit p14 (Rpp14) mRNA, complete cds	0	4100563	(AF001175) ribonuclease P protein subunit p14 [Homo sapiens]	2e-032
5068	L29260	Arabidopsis thaliana 1-amino-1-cyclopropanecarboxylate synthase (ACS5) gene, complete cds.	0.41	<NONE>	<NONE>	<NONE>
5069	X57268	Mouse DNA for t-haplotype-specific elements (located in H-2 complex, ETn related)	1.2	<NONE>	<NONE>	<NONE>
5070	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-010	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.5
5071	Y11896	M.musculus mRNA for Brx gene, partial	3e-018	2196874	(Y11896) BRX protein [Mus musculus]	3e-011

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5072	Y00711	Human mRNA for lactate dehydrogenase B (LDH-B)	0	126041	L-LACTATE DEHYDROGENASE H CHAIN dehydrogenase B (AA 1 - 334) [Homo sapiens] >gi 1200083	e-102
5073	AF065482	Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds	0	3152938	(AF065482) sorting nexin 2 [Homo sapiens]	3e-072
5074	M86374	Rat tropoelastin gene, intron 25 (partial).	0.13	<NONE>	<NONE>	<NONE>
5075	D50418	Mouse mRNA for AREC3, partial cds	6e-047	2495271	SKELETAL MUSCLE-SPECIFIC ARE BINDING PROTEIN AREC3 (HOMEBOX PROTEIN SIX4) M18) - mouse >gi 1255626 gnl PI D d1009550 (D50416) AREC3	2e-006
5076	D17448	Microcystis aeruginosa plasmid pMA2 DNA, complete genome sequence	0.13	<NONE>	<NONE>	<NONE>
5077	M29548	Human elongation factor 1-alpha (EF1A) mRNA, partial cds.	e-166	1169475	ELONGATION FACTOR 1-ALPHA 1	6e-010
5078	AF081496	Homo sapiens kinetochore protein BUB3 (BUB3) mRNA, complete cds	6e-044	2921873	(AF047472) spleen mitotic checkpoint BUB3 [Homo sapiens] protein BUB3 [Homo sapiens]	3e-006
5079	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	7e-007	<NONE>	<NONE>	<NONE>
5080	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5081	M14123	Human endogenous retrovirus HERV-K10.	2e-065	1196429	(M14123) pol/env ORF (bases 3878-8257) first start codon at 4172; Xxx; putative [Homo sapiens]	6e-037
5082	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5083	D30655	Homo sapiens mRNA for eukaryotic initiation factor 4AII, complete cds	0	673433	(X56953) protein synthesis initiation factor 4A [Mus musculus]	2e-092
5084	X16869	Human mRNA for elongation factor 1-alpha (clone CEF4)	5e-045	3122072	ELONGATION FACTOR 1-ALPHA 1 chicken >gi 488468 (L00677) elongation factor 1 alpha	1e-009
5085	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5086	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5087	U78310	Homo sapiens pescadillo mRNA, complete cds	e-122	2194203	(U78310) pescadillo [Homo sapiens]	9e-009
5088	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5089	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-005	<NONE>	<NONE>	<NONE>
5090	U09368	Human zinc finger protein ZNF140	0	1731416	ZINC FINGER PROTEIN 140 human >gi 487787 (U09368) zinc finger protein ZNF140	2e-062
5091	M98509	Human NFB genomic fragment.	1e-010	<NONE>	<NONE>	<NONE>
5092	AB002322	Human mRNA for KIAA0324 gene, partial cds	e-130	2996650	(AC004493) KIAA0324 [Homo sapiens]	9e-018
5093	AJ007670	Homo sapiens mRNA for LGMD2B protein	2e-014	403460	(L24521) transformation-related protein [Homo sapiens]	3.8

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5094	X16869	Human mRNA for elongation factor 1-alpha (clone CEF4)	0	181967	(M29548) elongation factor 1-alpha [Homo sapiens]	2e-036
5095	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	7e-007	<NONE>	<NONE>	<NONE>
5096	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.0005	<NONE>	<NONE>	<NONE>
5097	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-006	<NONE>	<NONE>	<NONE>
5098	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-006	<NONE>	<NONE>	<NONE>
5099	U45421	Borrelia burgdorferi 2.9-1 locus, ORF 5-8, ORF-A-D, REP+, REP-, and lipoprotein (LP) genes, complete cds	0.014	3510605	(AF044267) gyrase subunit B [Chlamydia trachomatis]	3.4
5100	L54057	Homo sapiens CLP mRNA, partial cds.	0	<NONE>	<NONE>	<NONE>
5101	D14660	Human mRNA for KIAA0104 gene, complete cds	0	1350786	PUTATIVE 60S RIBOSOMAL PROTEIN sapiens] >gi 3947438 (AC005034) ribosomal protein-like	e-111

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5102	X78627	H.sapiens mRNA for translin.	0	1082873	translin - human >gi 607130 (X78627) translin [Homo sapiens] >gi 1586346 prf 2203413A recombination hotspot-binding protein [Homo sapiens]	5e-068
5103	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.0001	<NONE>	<NONE>	<NONE>
5104	M12585	Mouse alpha-1 antitrypsin gene, segment 1.	2e-006	3873550	(AL033534) serine-rich protein	1.7
5105	X52967	Human mRNA for ribosomal protein L7	0	423072	ribosomal protein L7 - human	7e-061
5106	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	7e-007	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5107	X78722	M.musculus GLUT2 gene for glucose transporter	0.34	1685115	(U68754) putative transcription factor [Dictyostelium discoideum]	3.8
5108	AF002677	Dictyostelium discoideum DEAD-box RNA helicase	0.28	3293508	(AF069188) NADH dehydrogenase 1 [Ephedrus laevicollis]	0.81
5109	AB018263	Homo sapiens mRNA for KIAA0720 protein, partial cds	0.87	107240	oncogene 1 (tre-2 locus) (clone 210) - human	0.19
5110	AF017115	Homo sapiens cytochrome c oxidase subunit IV precursor (COX4) gene, nuclear gene encoding mitochondrial protein, complete cds	0.77	<NONE>	<NONE>	<NONE>
5111	AE001383	Plasmodium falciparum chromosome 2, section 20 of 73 of the complete sequence	0.15	2315754	(AF016681) No definition line found [Caenorhabditis elegans]	9.6
5112	D49577	Pig mRNA for rearranged T-cell receptor delta-chain/Vdelta1.14-Deltas-Jdelta1, partial cds	0.91	<NONE>	<NONE>	<NONE>
5113	U63810	Homo sapiens WD40 protein Ciao 1 mRNA, complete cds	0.0	3219331	(AC004020) Unknown gene product [Homo sapiens]	3e-92
5114	AF085858	Homo sapiens full length insert cDNA clone YN49B07	e-172	3329465	(AF064553) NSD1 protein [Mus musculus]	8e-54
5115	X01682	Mouse gene for cytochrome P3-450	0.026	1381394	(U40989) tat interactive protein [Homo sapiens]	4.0

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5116	AE001432	Plasmodium falciparum chromosome 2, section 69 of 73 of the complete sequence	1.5	3873713	(Z74026) cDNA EST yk452h4.3 comes from this gene; cDNA EST yk452h4.5 comes from this gene	9e-11
5117	U31973	Human phosphodiesterase A' subunit (PDE6C) mRNA, complete cds. > :: gb G28549 G28549 human STS SHGC-31657.	2.3	136976	PROTEIN UL87 >gi 76594 pir S09851 hypothetical protein UL87 - human cytomegalovirus cytomegalovirus]	8.1
5118	X02212	Chicken alpha-cardiac actin gene	2.6	<NONE>	<NONE>	<NONE>
5119	AE000838	Methanobacterium thermoautotrophicum from bases 494834 to 505698 (section 44 of 148) of the complete genome	0.89	765086	(D30786) feline CD9 [Felis catus]	1.4
5120	U89744	Rattus norvegicus putative cell surface antigen mRNA, complete cds	0.68	728850	GLUCOAMYLASE S1/S2 PRECURSOR (GLUCAN 1,4-ALPHA-GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE) >gi 626156 pir S48478 glucan 1,4-alpha-glucosidase (EC 3.2.1.3) - yeast stal, len: 1367, CAI: 0.3, AMYH_YEAST P08640 GLUCOAMYLASE S1 (EC 3.2.1.3) [Saccharomyc	9e-06

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5121	J04974	Human alpha-2 type XI collagen mRNA (COL11A2).	1.2	114887	BREAKPOINT CLUSTER REGION PROTEIN protein, splice form 1 - human >gi 29421 (X02596) bcr gene product [Homo sapiens]	9.4
5122	AL021806	Homo sapiens DNA sequence from PAC 779B17 on chromosome 22q13.1. Contains exon trap, complete sequence	0.046	2827756	EPHRIN TYPE-A RECEPTOR 1 PRECURSOR	1.9
5123	X68826	P.sativum mRNA for fructose 1,6 biphosphatase	0.95	1314248	(U24681) NADH:cytochrome c reductase [synthetic construct]	2e-05
5124	M14431	Bacteriophage phi-29 gene-16 gene, complete cds.	0.035	<NONE>	<NONE>	<NONE>
5125	U17033	Human 180 kDa transmembrane PLA2 receptor mRNA, complete cds.	0.36	722372	(U23139) similar to beta transducin proteins containing TRP-ASP domains [Caenorhabditis elegans]	3e-08
5126	Z50202	P.vulgaris arc5-1 gene	0.007	1151256	(U43319) transmembrane receptor [Mus musculus]	0.13
5127	AF013711	Homo sapiens 22 kDa actin-binding protein	2e-10	<NONE>	<NONE>	<NONE>
5128	AF086324	Homo sapiens full length insert cDNA clone ZD53E07	5e-09	3318653	(U83192) post-synaptic density protein 95 [Homo sapiens]	0.001
5129	D90117	T. thermophila mRNA for citrate synthase (EC 4.1.3.7)	0.63	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5130	D45105	Metschnikowia reukaufii 26S rRNA, partial sequence	0.78	<NONE>	<NONE>	<NONE>
5131	D85088	Ectoplana limuli DNA for 18s ribosomal RNA	0.41	267408	PROBABLE DNA PACKAGING PROTEIN packaging protein [Human herpesvirus 4]	7.2
5132	X89886	P.patens mRNA for 5-aminolevulinate dehydratase	0.41	3875246	(Z81490) similar to WD domain, G-beta repeats (2 domains); cDNA EST EMBL:T00482 comes from this gene; cDNA EST EMBL:T00923 comes from this gene; cDNA EST yk449d4.3 comes from this gene; cDNA EST yk449d4.5 comes from this gen...	2e-22
5133	AB014564	Homo sapiens mRNA for KIAA0664 protein, partial cds	0.0	2981221	(AF053091) eyelid [Drosophila melanogaster]	0.076
5134	AE001403	Plasmodium falciparum chromosome 2, section 40 of 73 of the complete sequence	0.003	2495297	HYPOTHETICAL 26.3 KD HOMEBOX PROTEIN C02F12.5 IN CHROMOSOME X >gi 1109893 (U41545) strong similarity to homeobox proteins; similar to inhibitor domain of tissue factor pathway inhibitor	3.7

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5135	U92574	Fugu rubripes homeobox protein HOXB-1 (FrHOXB-1) gene, complete cds	0.54	<NONE>	<NONE>	<NONE>
5136	U31118	Xenopus laevis cytoplasmic myosin II regulatory light chain mRNA, complete cds	0.26	3879530	(Z49130) cDNA EST yk486b9.3 comes from this gene; cDNA EST yk486b9.5 comes from this gene	8e-07
5137	L49035	Gorilla gorilla ABC-transporter (TAP2) mRNA, complete cds	0.21	4007066	(AJ131571) X protein [Hepatitis B virus]	1.3
5138	AF068628	Mus musculus DNA cytosine-5 methyltransferase 3B3 (Dnmt3b) mRNA, alternatively spliced, complete cds	4e-04	<NONE>	<NONE>	<NONE>
5139	M64982	Human fibrinogen alpha chain gene, complete mRNAs.	0.062	<NONE>	<NONE>	<NONE>
5140	M19262	Rat clathrin light chain (LCB3) mRNA, complete cds.	0.25	2088802	(AF003151) D1007.4 gene product [Caenorhabditis elegans]	0.012
5141	X94947	L.esculentum mRNA for homeobox protein	3.7	2315770	(AF016683) K09F6.1 gene product [Caenorhabditis elegans]	0.096
5142	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5143	M33782	Human TFEB protein mRNA, partial cds.	0.36	<NONE>	<NONE>	<NONE>
5144	AB011098	Homo sapiens mRNA for KIAA0526 protein, complete cds	2e-07	2501115	TBX2 PROTEIN (T-BOX PROTEIN 2)	0.90

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5145	AF039029	Homo sapiens snurportin1 mRNA, complete cds	0.0	3834390	(AF039029) snurportin1 [Homo sapiens]	e-108
5146	U22970	Human interferon-inducible peptide (6-16) gene, complete cds	0.21	<NONE>	<NONE>	<NONE>
5147	D63880	Human mRNA for KIAA0159 gene, complete cds	2e-64	<NONE>	<NONE>	<NONE>
5148	AB011174	Homo sapiens mRNA for KIAA0602 protein, partial cds	e-164	3043728	(AB011174) KIAA0602 protein [Homo sapiens]	2e-53
5149	AF053551	Homo sapiens metaxin 2 (MTX2) mRNA, nuclear gene encoding mitochondrial protein, complete cds	0.0	3283049	(AF053551) metaxin 2 [Homo sapiens]	1e-76
5150	Y13382	Arabidopsis thaliana ferrochelatase-I gene and promoter sequence	0.012	<NONE>	<NONE>	<NONE>
5151	AF044854	Colias eurytheme large subunit ribosomal RNA gene, partial sequence; tRNA-Val gene, complete sequence; and small subunit ribosomal RNA gene, partial sequence, mitochondrial genes for mitochondrial RNAs	1.3	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5152	AF005059	Toxoplasma gondii p97 mRNA, complete cds	0.90	2570049	(Y08701) Pinin [Mus musculus]	1.3
5153	D84307	Human mRNA for phosphoethanolamine cytidyltransferase, complete cds	0.013	<NONE>	<NONE>	<NONE>
5154	D38050	Aspen prxA3a gene for peroxidase, complete cds	0.018	1723942	HYPOTHETICAL 20.8 KD PROTEIN IN COX4-GTS1 INTERGENIC REGION >gi 2131614 pir S61134 hypothetical protein YGL183c - yeast (Saccharomyces cerevisiae) >gi 1143564 gnl PI D e199057 (X91489) putative HMG box [Saccharomyces cerevisiae]	0.39
5155	AL010208	Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-103, complete sequence	0.13	1850115	(Z86089) fadD2 [Mycobacterium tuberculosis]	1.5
5156	U07807	Human metallothionein IV (MTIV) gene, complete cds.	0.004	<NONE>	<NONE>	<NONE>
5157	AF048991	Homo sapiens MutS homolog 5 (MSH5) gene, exons 13 through 25 and complete cds	0.001	3986756	(AF109905) NG23 [Mus musculus]	0.007

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5158	U39079	Schizosaccharom yces pombe ARS binding protein 1	0.50	<NONE>	<NONE>	<NONE>
5159	X01706	Mouse intracisternal A-particle (IAP) gene 62 long terminal repeat (LTR)	0.41	2224713	(AB002384) KIAA0386 [Homo sapiens]	8e-04
5160	AF030558	Rattus norvegicus phosphatidylinositol 5-phosphate 4-kinase gamma mRNA, complete cds	8e-13	<NONE>	<NONE>	<NONE>
5161	L06453	Strongylocentrotus purpuratus (clone C) high mobility group 1 protein (HMG1 homologue) gene, complete cds.	0.33	3914031	BETA-GALACTOSIDE SPECIFIC LECTIN I A CHAIN (MLA) (ML-I A) (RRNA N-GLYCOSIDASE)	0.087
5162	Z68320	Caenorhabditis elegans cosmid W07A12, complete sequence [Caenorhabditis elegans]	0.28	2500558	PUTATIVE RIBONUCLEASE III (RNASE III) >gi 3876420 gnl PI D e1346063 (Z81070) similar to ribonuclease [Caenorhabditis elegans]	2e-25
5163	U40397	Mus musculus serum amyloid A-4 protein (Saa4) gene, complete cds	5e-04	<NONE>	<NONE>	<NONE>
5164	X00367	Chlamydomonas chloroplast DNA region with ARS element 03 (ARS = autonomously replicating sequence)	0.046	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5165	U43838	Glycine max choline kinase GmCK1p mRNA, complete cds	1.2	132918	50S RIBOSOMAL PROTEIN L35, CHLOROPLAST PRECURSOR (CL35) >gi 81486 pir A36107 ribosomal protein L35 precursor, chloroplast - spinach oleracea]	2.4
5166	U67590	Methanococcus jannaschii section 132 of 150 of the complete genome	0.097	<NONE>	<NONE>	<NONE>
5167	AB006787	Mus musculus mRNA for apoptosis signal-regulating kinase 1, complete cds	0.39	1263187	(U24215) HOMODA hydrolase [Pseudomonas putida] putida]	0.83
5168	U43567	Trypanosoma cruzi kinetoplast maxicircle DNA, clone TRCKPMAx	0.054	<NONE>	<NONE>	<NONE>
5169	U04706	Bos taurus 50 kDa protein (adp50) mRNA, complete cds.	0.0	2498104	ADRENAL MEDULLA 50 KD PROTEIN	8e-83
5170	L14684	Rattus norvegicus nuclear-encoded mitochondrial elongation factor G mRNA, complete cds.	e-137	585084	ELONGATION FACTOR G, MITOCHONDRIAL PRECURSOR (MEF-G) >gi 543383 pir S40780 translation elongation factor G, mitochondrial - rat >gi 310102	3e-59
5171	U01120	Human glucose-6-phosphatase mRNA, complete cds. >	2e-04	544361	GLUCOSE-6-PHOSPHATASE (G6PASE) 3.1.3.9) - human >gi 452444 (U01120) glucose-6-phosphatase [Homo sapiens]	4e-12

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5172	D87671	Rat mRNA for TIP120, complete cds	e-144	1799570	(D87671) TIP120 [Rattus norvegicus]	3e-69
5173	U22296	Rattus norvegicus casein kinase 1 gamma 1 isoform mRNA, complete cds	e-120	3024053	CASEIN KINASE 1, GAMMA 1 ISOFORM kinase 1 gamma 1 isoform [Rattus norvegicus]	8e-54
5174	Y07648	A.thaliana nit2 gene, nit1 gene and nit3 gene	0.007	2429486	(AF025464) No definition line found [Caenorhabditis elegans]	9.5
5175	AB013721	Oryctolagus cuniculus mRNA for mitsugumin 23, complete cds	3e-91	3628745	(AB013721) mitsugumin 23 [Oryctolagus cuniculus]	0.006
5176	M74069	Saccharomyces cerevisiae endochitinase (CTS1-1) gene, complete cds.	2.5	<NONE>	<NONE>	<NONE>
5177	Z61469	H.sapiens CpG DNA, clone 52h1, forward read cpg52h1.ft1a	1e-77	1184072	(U40766) COL-1 [Meloidogyne incognita]	0.002
5178	AF015043	Homo sapiens EH-binding protein mRNA, partial cds	0.0	2492914	APOLIPOPROTEIN C-IV PRECURSOR cluster E-C1-C2 linked gene [Mus musculus]	3.0
5179	X74560	H.sapiens (clone pS2) sequence	3e-04	3687469	(AL031798) putative diphthine synthase	3e-23
5180	X94768	H.sapiens RP3 gene (XLRP gene 3)	1e-05	<NONE>	<NONE>	<NONE>
5181	X80937	M.musculus mRNA for RIP1 protein	0.48	107750	synapsin Ib - human	3e-04
5182	M12759	Human Ig J chain gene, exons 3 and 4.	0.036	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5183	M30773	Human calcineurin B mRNA, complete cds	0.002	3878494	(Z79602) predicted using Genefinder; Similarity to Yeast hypothetical protein YAE2 gene; cDNA EST EMBL:M88949 comes from this gene	3e-06
5184	U08831	Human immunodeficiency virus type 1, sample 019 from Thailand (E2TH019W.01d1sCD), envelope glycoprotein c2v3 region (env) gene, partial cds.	0.015	<NONE>	<NONE>	<NONE>
5185	Z98303	Human DNA sequence from BAC 140H19 on chromosome Xq24-25. Contains STS	0.005	<NONE>	<NONE>	<NONE>
5186	AE000952	Archaeoglobus fulgidus section 155 of 172 of the complete genome	2e-07	3257245	(AP000003) 571aa long hypothetical oxaloacetate decarboxylase alpha chain [Pyrococcus horikoshii]	5e-08
5187	L48476	Homo sapiens (subclone 3_e10 from P1 H21) DNA sequence.	2e-04	3877439	(Z72510) similarity to yeast UTR3 protein (Swiss Prot accession number P21374); cDNA EST EMBL:D72822 comes from this gene; cDNA EST EMBL:D75763 comes from this gene; cDNA EST yk274e3.3 comes from this gene; cDNA EST	0.19

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
					yk274e3....	
5188	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3e-09	<NONE>	<NONE>	<NONE>
5189	AF055022	Homo sapiens clone 24684 mRNA sequence	e-102	2708743	(AC003952) putative Tal-1-like reverse transcriptase	4.0
5190	AJ009761	Homo sapiens mRNA for putative dimethyladenosine transferase, partial	e-121	4050050	(AF102147) putative dimethyladenosine transferase [Homo sapiens]	8e-48
5191	Y08238	H.pylori clpB gene	0.27	1572756	(U70848) C43G2.1 gene product [Caenorhabditis elegans]	1e-21
5192	<NONE>	<NONE>	<NONE>	2828280	(AL021687) putative protein [Arabidopsis thaliana] >gi 2832633 gnl PI D e1249651 (AL021711) putative protein [Arabidopsis thaliana]	9e-36
5193	J00747	Rat insulin-I (ins-1) gene.	6e-05	4154522	(AE001441) putative [Helicobacter pylori]	3.2
5194	U64454	Human 3' of immunoglobulin heavy chain locus	0.83	281204	gene LF3 protein - human herpesvirus 4 virus]	0.069

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5195	AB002383	Human mRNA for KIAA0385 gene, complete cds	8e-13	2498318	DXS6673E PROTEIN retardation candidate gene [Homo sapiens]	2e-24
5196	M81840	Human NRL gene product mRNA, complete cds.	0.029	3875740	(Z81497) similar to mannosyl-oligosaccharide alpha-1, 2-mannosidase; cDNA EST EMBL:D67155 comes from this gene; cDNA EST EMBL:D64219 comes from this gene; cDNA EST yk260e12.3 comes from this gene; cDNA EST yk260e12.5 comes f...	6e-18
5197	U12523	Rattus norvegicus ultraviolet B radiation-activated UV98 mRNA, partial sequence.	1e-10	3219914	HYPOTHETICAL 16.8 KD PROTEIN C30D10.04 IN CHROMOSOME II >gi 2276353 gnl PI D e330328 pombe]	2e-11
5198	AB017026	Mus musculus mRNA for oxysterol-binding protein, complete cds	0.0	3551523	(AB017026) oxysterol-binding protein	e-120
5199	U83981	Homo sapiens apoptosis associated protein (GADD34) mRNA, complete cds	e-119	3258618	(U83981) apoptosis associated protein [Homo sapiens]	7e-26

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5200	U37580	Streptomyces coelicolor phosphotyrosine protein phosphatase (ptpA) gene, putative cystathionine gamma-lyase (cysA) gene, and LysR-like protein gene, complete cds	0.048	2459916	(AF005859) anon2D7 [Drosophila melanogaster]	0.18
5201	D00723	Human mRNA for hydrogen carrier protein, a component of an enzyme complex, glycine synthase (EC 2.1.2.10)	3e-19	<NONE>	<NONE>	<NONE>
5202	X89366	A.thaliana DNA for 40 kDa protein gene	0.025	1209669	(U38810) CAGR1 [Homo sapiens] >gi3098420 (AF040945) homeotic regulator homolog MAB21 [Mus musculus]	0.008
5203	AF067158	HIV-1 isolate 301905 from India, complete genome	2.4	<NONE>	<NONE>	<NONE>
5204	U09954	Human ribosomal protein L9 gene, 5' region and complete cds.	5e-37	<NONE>	<NONE>	<NONE>
5205	AF029984	Lycopersicon esculentum COP1 homolog (COP1) mRNA, complete cds	7e-37	4090943	(AF029984) COP1 homolog [Lycopersicon esculentum]	2e-49
5206	U43076	Mus musculus cdc37 homolog mRNA, complete cds	2e-17	2655422	(AF035530) CDC37 [Gallus gallus]	2e-22

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5207	U07745	Lycopersicon esculentum biotin-containing subunit of methylcrotonyl-CoA carboxylase mRNA, partial cds.	4e-32	533707	(U12536) 3-methylcrotonyl-CoA carboxylase precursor	4e-49
5208	X74465	Human papillomavirus type 10 genomic DNA	1.3	3879121	(Z70310) predicted using Genefinder; Similarity to Mouse ankyrin (PIR Acc. No. S37771); cDNA EST EMBL:T01923 comes from this gene; cDNA EST EMBL:D32335 comes from this gene; cDNA EST EMBL:D32723 comes from this gene; cDNA ES... Genefinder; Similarity to M	2e-56
5209	X99261	A.evecta gene encoding blue-light photoreceptor, intron	0.14	2257939	(AF005665) properdin [Homo sapiens]	7.6
5210	M35296	Human tyrosine kinase arg gene mRNA.	1.1	1125781	(U42841) short region of weak similarity to chicken limb deformity protein (PIR:S24286) [Caenorhabditis elegans]	0.61
5211	Z57610	H.sapiens CpG DNA, clone 187a10, reverse read cpg187a10.rt1a.	e-102	404764	(L10409) fork head related protein [Mus musculus]	1e-16

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5212	X85753	Homo sapiens mRNA for CDK8 protein kinase > :: emb A61243 A61243 Sequence 1 from Patent WO9709432	6e-59	1171821	NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 5 >gi 559499 gnl PI D e1192548 (X54253) ND5 protein	9.5
5213	U27341	Bos taurus endothelin converting enzyme-2 Sequence 1 from patent US 5736376	7e-61	2136744	endothelin converting enzyme-2 - bovine	3e-29
5214	U63648	Mus musculus p160 myb-binding protein (P160) mRNA, complete cds	4e-58	2645205	(U63648) p160 myb-binding protein [Mus musculus]	2e-34
5215	AF035940	Homo sapiens MAGOH mRNA, complete cds	e-140	2306969	(AF007860) xl-Mago [Xenopus laevis]	3e-76
5216	X80045	O.aries mRNA for acetyl-CoA carboxylase	2e-54	542750	acetyl-CoA carboxylase (EC 6.4.1.2) - human sapiens] >gi 740964 prf 2006242A Ac-CoA carboxylase	8e-10
5217	Z46372	R.norvegicus RNA for DNA topoisomerase II.	e-134	3876360	(Z68315) Similarity to Human MAP kinase phosphatase-1 (SW:PTN7_HUMAN) [Caenorhabditis elegans]	3e-12
5218	AF035940	Homo sapiens MAGOH mRNA, complete cds	e-143	2330011	(AF007862) mm-Mago [Mus musculus] >gi 2909828 (AF035939) similar to mago nashi [Mus musculus] >gi 2909830	7e-81

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5219	Z72521	Human DNA sequence from cosmid N29F4 on chromosome 22q11.2-qter contains STS	6e-04	<NONE>	<NONE>	<NONE>
5220	S74340	{clone E572, estrogen induced gene} [rats, Sprague-Dawley, hypothalamus, mRNA Partial, 130 nt]	4e-29	<NONE>	<NONE>	<NONE>
5221	AL008711	Human DNA sequence from PAC 390N22 on chromosome Xp22.2	0.33	1184707	(U40868) folypolyglutamate synthetase [Homo sapiens]	7.9
5222	AE000012	Mycoplasma pneumoniae section 12 of 63 of the complete genome	0.15	<NONE>	<NONE>	<NONE>
5223	D78333	Human mRNA for testis-specific TCP20, complete cds	e-113	2501141	T-COMPLEX PROTEIN 1, ZETA-LIKE SUBUNIT (TCP-1-ZETA-LIKE) (CCT-ZETA-LIKE) TCP20 [Homo sapiens]	2e-42
5224	AF042333	Oryza sativa 24-methylene lophenol C24(1)methyltransferase mRNA, complete cds	0.003	3883124	(AF082300) arabinogalactan-protein [Arabidopsis thaliana]	0.006
5225	U15426	Human anonymous mRNA sequence with CCA repeat region.	4e-06	1123105	(U42438) similar to S. cerevisiae longevity-assurance protein 1 (SP:P38703) [Caenorhabditis elegans]	0.34

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5226	AF052497	Homo sapiens clone B18 unknown mRNA	0.003	1144514	(U34781) Antho-LWamidII preprohormone [Anthopleura elegantissima] >gi 1586846 prf 2204411A preprohormone	4.3
5227	D86590	Zinnia elegans mRNA for cinnamyl alcohol dehydrogenase, partial cds	0.13	<NONE>	<NONE>	<NONE>
5228	AF081144	Rattus norvegicus CL1AA mRNA, complete cds	5e-14	1718004	TEGUMENT PROTEIN UL49 HOMOLOG herpesvirus 1] >gi 995634 (Z54206) UL49 [Bovine herpesvirus 1] >gi 2653299 gnl PI D e1187295 (AJ004801) virion protein (tegument) [Bovine herpesvirus type 1.1]	1.4
5229	M63016	Human X chromosome enhancer-like sequence.	6e-04	<NONE>	<NONE>	<NONE>
5230	L24755	Mus musculus bone morphogenetic protein (Bmp-1) mRNA, complete cds.	1.2	<NONE>	<NONE>	<NONE>
5231	<NONE>	<NONE>	<NONE>	2828280	(AL021687) putative protein [Arabidopsis thaliana] >gi 2832633 gnl PI D e1249651 (AL021711) putative protein [Arabidopsis thaliana]	9e-36

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5232	U27341	Bos taurus endothelin converting enzyme-2 Sequence 1 from patent US 5736376	1e-22	2136744	endothelin converting enzyme-2 - bovine	2e-09
5233	M81840	Human NRL gene product mRNA, complete cds.	0.030	3875740	(Z81497) similar to mannosyl-oligosaccharide alpha-1, 2-mannosidase; cDNA EST EMBL:D67155 comes from this gene; cDNA EST EMBL:D64219 comes from this gene; cDNA EST yk260e12.3 comes from this gene; cDNA EST yk260e12.5 comes f...	6e-18
5234	AJ000097	Homo sapiens mRNA for EYA1B gene	2.7	3395586	(AL031179) similarity to phosphomannomutases [Schizosaccharomyces pombe]	6e-38
5235	U30788	Rattus norvegicus Tclone4 mRNA	1e-68	3523162	(AF076292) TGF-beta/activin signal transducer FAST-1p	1.4
5236	U88964	Human HEM45 mRNA, complete cds	0.0	2062680	(U88964) HEM45 [Homo sapiens]	7e-77
5237	AF061016	Homo sapiens UDP-glucose dehydrogenase (UGDH) mRNA, complete cds	0.0	3127127	(AF061016) UDP-glucose dehydrogenase [Homo sapiens] dehydrogenase [Homo sapiens]	5e-90
5238	D43921	Mouse AZ1 mRNA for pre-acrosome localization protein, complete cds	3e-15	2137118	acrosomal protein AZ1 - mouse localization protein [Mus musculus]	0.007

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5239	AF056022	Homo sapiens p60 katanin mRNA, complete cds	0.0	3283072	(AF056022) p60 katanin [Homo sapiens]	2e-60
5240	U77949	Human Cdc6-related protein (HsCDC6) mRNA, complete cds	1e-83	<NONE>	<NONE>	<NONE>
5241	AJ005016	Homo sapiens mRNA for putative ABC transporter, partial	0.0	3005931	(AJ005016) ABC transporter [Homo sapiens]	3e-70
5242	X56756	Sheep mRNA for tumor necrosis factor alpha	4.5	<NONE>	<NONE>	<NONE>
5243	AF020833	Homo sapiens eukaryotic translation initiation factor 3 subunit (p42) mRNA, complete cds	0.0	2460200	(AF020833) eukaryotic translation initiation factor 3 subunit [Homo sapiens]	e-158
5244	X69878	H.sapiens Flt4 mRNA for transmembrane tyrosine kinase	4e-43	<NONE>	<NONE>	<NONE>
5245	M27826	Human endogenous retroviral protease mRNA, complete cds.	1e-66	<NONE>	<NONE>	<NONE>
5246	U20285	Human Gps1 (GPS1) mRNA, complete cds	2e-54	644879	(U20285) Gps1 [Homo sapiens]	8e-20
5247	AF049528	Homo sapiens huntingtin-interacting protein HYPA/FBP11 (HYPA) mRNA, partial cds	5e-75	3341990	(AF049528) huntingtin-interacting protein HYPA/FBP11	2e-20

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5248	U87277	Human splicing factor SRp30c gene, exon 1	0.14	267449	HYPOTHETICAL 12.5 KD PROTEIN ZK637.2 IN CHROMOSOME III >gi 102507 pir S15787 hypothetical protein 1 (cosmid ZK637) - Caenorhabditis elegans Genefinder; cDNA EST yk217b5.3 comes from this gene; cDNA EST yk217b5.5 comes from this gene; cDNA EST yk340g12.3	1e-08
5249	D16919	Human HepG2 3' region cDNA, clone hmd3e06	e-164	3152559	(AC002986) Similarity to A. thaliana gene product F21M12.20, gb AC000132. EST gb Z25651 comes from this gene. [Arabidopsis thaliana]	2e-52
5250	AJ006064	Rattus norvegicus mRNA for coronin-like protein	e-142	3757680	(AJ006064) coronin-like protein [Rattus norvegicus]	5e-73
5251	AB011000	Mus musculus mRNA for choline/ethanolamine kinase, complete cds	1e-18	2780752	(AB006607) choline/ethanolamine kinase	0.001

	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
SEQ ID	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5252	X80169	M.musculus mRNA for 200 kD protein	0.0	1717793	PROTEIN TSG24 (MEIOTIC CHECK POINT REGULATOR) >gi 1083553 pir A55117 tsg24 protein - mouse	e-150

Table 3 Polynucleotides encoding gene products of a protein family or having a known functional domain(s).

SEQ ID NO:	Validation Sequence	Biological Activity (Profile)	Start	Stop	Score	Direction
3920	393.E10.sp6:148957	7tm_1	531	710	9520	for
2667	172.F10.sp6:133946	7tm_2	45	724	8708	rev
2758	177.C6.sp6:134733	7tm_2	41	697	9828	rev
2933	184.C7.sp6:135556	7tm_2	3	834	8987	for
3129	121.E12.sp6:131940	7tm_2	245	1324	9550	rev
3365	172.A7.sp6:133883	7tm_2	94	761	8743	rev
3418	123.F9.sp6:132333	7tm_2	203	585	8785	rev
3419	123.F9.sp6:132333	7tm_2	203	585	8785	rev
3597	394.G2.sp6:149165	7tm_2	73	793	9209	for
3648	370.C5.sp6:141726	7tm_2	76	770	9269	for
3686	370.B1.sp6:141710	7tm_2	89	662	8791	for
3695	368.A12.sp6:141322	7tm_2	121	719	9015	rev
3696	368.A12.sp6:141322	7tm_2	121	719	9015	rev
4172	219.C10.sp6:139007	7tm_2	46	774	11394	rev
4216	368.D11.sp6:141357	7tm_2	66	775	9384	rev
4228	368.A11.sp6:141321	7tm_2	7	1079	9097	for
4441	99.F7.sp6:131296	7tm_2	534	1265	10956	rev
4442	99.F7.sp6:131296	7tm_2	534	1265	10956	rev
4482	100.D2.sp6:131459	7tm_2	122	1404	9296	rev
4495	395.B12.sp6:149307	7tm_2	79	1432	10427	rev
4525	90.B4.sp6:130874	7tm_2	4	691	9435	for
4616	100.D5.sp6:131462	7tm_2	655	1349	9255	for
4653	100.D7.sp6:131464	7tm_2	357	1346	11461	rev
4654	100.D7.sp6:131464	7tm_2	357	1346	11461	rev
4658	100.H6.sp6:131511	7tm_2	119	1035	10001	rev
4659	100.G6.sp6:131499	7tm_2	363	1188	9901	rev
4660	100.F6.sp6:131487	7tm_2	50	1127	8799	for
4661	100.F6.sp6:131487	7tm_2	50	1127	8799	for
4710	367.H9.sp6:141210	7tm_2	143	1266	11883	rev
4755	370.F4.sp6:141761	7tm_2	78	704	8942	for
4856	367.H11.sp6:141212	7tm_2	176	1227	9975	rev
4885	123.E10.sp6:132322	7tm_2	210	691	9071	rev
4900	123.E10.sp6:132322	7tm_2	210	691	9071	rev
4901	123.E10.sp6:132322	7tm_2	210	691	9071	rev
2656	176.H11.sp6:134606	ANK	207	290	4450	for
2555	180.C9.sp6:135947	asp	156	670	6710	for
3632	368.H11.sp6:141405	asp	136	1226	6880	rev
4205	368.B5.sp6:141327	asp	309	806	6073	for
4251	369.D6.sp6:141546	asp	434	1332	6263	rev
4253	396.F9.sp6:149544	asp	97	1106	5999	rev
4261	216.G10.sp6:139247	asp	74	703	6188	rev
4365	122.H12.sp6:132168	asp	152	1040	6183	rev
4498	80.H6.sp6:130297	asp	61	418	5944	rev
4664	172.E5.sp6:133929	asp	219	976	6434	for
4718	185.D9.sp6:135762	asp	31	872	5944	rev
4733	185.D9.sp6:135762	asp	31	872	5944	rev
4746	176.B10.sp6:134533	asp	253	1446	6079	rev

SEQ ID NO:	Validation Sequence	Biological Activity (Profile)	Start	St p	Score	Direction
4822	177.F3.sp6:134766	asp	0	894	6336	rev
4854	184.F11.sp6:135596	asp	61	737	6416	rev
4856	367.H11.sp6:141212	asp	81	1187	6182	rev
4929	180.E6.sp6:135968	asp	81	706	6150	for
4931	180.E6.sp6:135968	asp	81	706	6150	for
2723	180.F2.sp6:135976	ATPases	135	627	11664	for
2842	217.H11.sp6:139452	ATPases	2	701	5972	for
3019	216.B1.sp6:139178	ATPases	170	616	6150	for
3046	121.B8.sp6:131900	ATPases	13	635	5867	rev
3190	80.D2.sp6:130245	ATPases	13	386	6068	for
3290	176.C6.sp6:134541	ATPases	85	579	5883	for
3670	369.C10.sp6:141538	ATPases	329	730	6206	for
3998	394.H8.sp6:149183	ATPases	21	571	5954	rev
4119	218.F11.sp6:138852	ATPases	313	816	6057	for
4159	219.A7.sp6:138980	ATPases	88	662	6145	for
4223	368.F9.sp6:141379	ATPases	178	648	5937	for
4384	181.G11.sp6:135354	ATPases	362	769	5900	rev
4473	369.B4.sp6:141520	ATPases	4	412	14130	for
4540	218.C8.sp6:138813	ATPases	12	576	5782	rev
4560	404.G6.sp6:162933	ATPases	86	605	6001	rev
4689	367.H8.sp6:141209	ATPases	17	476	5905	rev
4785	184.E5.sp6:135578	ATPases	184	632	5943	for
4792	184.C6.sp6:135555	ATPases	333	813	5773	for
4847	184.B11.sp6:135548	ATPases	14	498	6140	for
5041	377.C1.sp6:141918	ATPases	4	655	5933	for
3404	176.F10.sp6:134581	Bcl-2	69	356	16419	for
4036	367.F5.sp6:141182	bromodomain	40	210	8810	for
4489	369.D3.sp6:141543	bromodomain	63	230	10270	for
3408	172.E1.sp6:133925	BZIP	146	298	4066	for
3951	393.G5.sp6:148976	BZIP	116	304	5931	for
4850	172.E9.sp6:133933	BZIP	91	260	4366	for
3618	370.B12.sp6:141721	cyclin	118	324	8980	for
3895	395.G6.sp6:149361	cyclin	11	281	6930	for
4536	395.G8.sp6:149363	cyclin	12	279	5950	for
4455	99.F5.sp6:131294	Cys-protease	72	348	18479	for
4684	180.D1.sp6:135951	Cys-protease	38	992	10103	rev
4688	180.D1.sp6:135951	Cys-protease	38	992	10103	rev
4801	177.E4.sp6:134755	Cys-protease	48	326	19999	for
4659	100.G6.sp6:131499	DAG_PE_bind	605	702	6290	rev
4821	377.C8.sp6:141925	Dead_box_helic	172	828	7867	rev
5083	216.A1.sp6:139166	Dead_box_helic	44	589	26532	for
2734	177.G4.sp6:134779	EFhand	79	153	3780	for
2893	185.A1.sp6:135718	EFhand	287	358	2580	rev
3775	377.A5.sp6:141898	EFhand	477	563	3010	for
4056	367.B7.sp6:141136	EFhand	225	272	2500	rev
4152	218.B10.sp6:138803	EFhand	40	114	2640	rev
4153	218.B10.sp6:138803	EFhand	40	114	2640	rev
4154	218.C10.sp6:138815	EFhand	39	113	2640	rev
4905	393.H12.sp6:148995	EFhand	145	231	4640	for
4943	219.A9.sp6:138982	EFhand	685	750	2550	rev

SEQ ID NO:	Validation Sequence	Biological Activity (Profile)	Start	Stop	Score	Direction
2849	218.B5.sp6:138798	Ets_Nterm	340	531	10400	for
2728	180.A2.sp6:135916	FNtypeII	291	423	6400	rev
3018	216.C1.sp6:139190	FNtypeII	501	634	6460	for
4496	218.G1.sp6:138854	FNtypeII	20	141	6180	rev
4914	393.H8.sp6:148991	FNtypeII	448	576	6110	for
2504	181.C3.sp6:135298	G-alpha	66	715	8084	rev
3290	176.C6.sp6:134541	G-alpha	62	690	9062	for
4288	121.B4.sp6:131896	G-alpha	46	447	21415	for
4444	217.D12.sp6:139405	G-alpha	15	702	40404	for
4562	404.B7.sp6:162874	G-alpha	120	682	8424	for
2503	180.A11.sp6:135925	helicase_C	165	479	4494	for
4469	369.C4.sp6:141532	helicase_C	559	756	3732	rev
5020	185.D12.sp6:135765	helicase_C	381	534	5000	for
4241	396.H8.sp6:149567	homeobox	80	230	5170	for
2550	180.E5.sp6:135967	mkk	342	612	5791	for
3407	172.F1.sp6:133937	mkk	94	669	5688	rev
3451	123.A2.sp6:132266	mkk	26	378	7889	for
3600	394.B3.sp6:149106	mkk	32	782	9544	for
3646	370.H4.sp6:141785	mkk	18	307	9394	for
3680	369.G11.sp6:141587	mkk	182	725	5375	for
4175	219.H10.sp6:139067	mkk	280	723	15454	for
4205	368.B5.sp6:141327	mkk	249	725	5502	for
4278	181.C9.sp6:135304	mkk	168	880	5551	rev
4322	121.F6.sp6:131946	mkk	111	730	5399	for
4777	177.E2.sp6:134753	mkk	288	636	5720	rev
4482	100.D2.sp6:131459	PDEase	849	1195	5945	for
2578	181.H11.sp6:135366	protkinase	116	710	5531	for
2712	177.G7.sp6:134782	protkinase	6	511	5445	for
2835	218.C1.sp6:138806	protkinase	127	747	5492	for
2843	218.E1.sp6:138830	protkinase	64	726	5592	rev
2971	217.F4.sp6:139421	protkinase	83	702	5818	rev
3009	217.A4.sp6:139361	protkinase	57	682	5395	rev
3084	121.E2.sp6:131930	protkinase	69	658	5593	rev
3226	100.D8.sp6:131465	protkinase	174	620	5453	for
3274	100.C3.sp6:131448	protkinase	228	736	5616	for
3356	172.B5.sp6:133893	protkinase	148	715	5381	for
3377	172.B6.sp6:133894	protkinase	119	775	5616	for
3451	123.A2.sp6:132266	protkinase	24	384	9797	for
3600	394.B3.sp6:149106	protkinase	357	780	11395	for
3635	377.G11.sp6:141976	protkinase	117	739	5992	for
3646	370.H4.sp6:141785	protkinase	24	275	8338	for
3665	370.F2.sp6:141759	protkinase	33	800	5658	for
3669	369.B10.sp6:141526	protkinase	1	482	5504	rev
3700	369.D2.sp6:141542	protkinase	28	661	5428	for
3710	369.G6.sp6:141582	protkinase	71	631	5751	for
3791	396.C11.sp6:149510	protkinase	27	709	5793	rev
3905	393.H7.sp6:148990	protkinase	88	680	5470	rev
3919	393.D10.sp6:148945	protkinase	72	594	5617	for
4044	367.G4.sp6:141193	protkinase	30	699	5439	for
4072	368.B2.sp6:141324	protkinase	44	800	5556	for

SEQ ID NO:	Validation Sequence	Biological Activity (Profile)	Start	Stop	Score	Direction
4117	218.D11.sp6:138828	protkinase	38	781	6423	for
4175	219.H10.sp6:139067	protkinase	277	717	15720	for
4373	216.E5.sp6:139218	protkinase	115	710	5537	for
4569	100.C10.sp6:131455	protkinase	56	783	5556	rev
4755	370.F4.sp6:141761	protkinase	39	803	5635	for
4760	370.F3.sp6:141760	protkinase	188	775	5771	for
4807	184.H3.sp6:135612	protkinase	23	699	5515	for
5059	180.B5.sp6:135931	protkinase	182	671	5718	rev
5102	393.F4.sp6:148963	protkinase	28	650	5345	for
3671	369.D10.sp6:141550	ras	12	332	9802	for
3936	393.A3.sp6:148902	Thioredox	0	263	5887	rev
3927	393.F11.sp6:148970	TNFR_c6	151	261	6445	for
2956	184.E10.sp6:135583	transmembrane4	19	483	8339	rev
2981	217.E6.sp6:139411	transmembrane4	83	728	8417	for
3836	396.C9.sp6:149508	transmembrane4	300	924	9444	rev
4038	367.A6.sp6:141123	transmembrane4	32	495	8407	rev
4364	123.A1.sp6:132265	transmembrane4	1289	1548	8114	rev
4406	122.C1.sp6:132097	transmembrane4	6	535	8122	for
4431	122.E4.sp6:132124	transmembrane4	10	530	8829	for
4441	99.F7.sp6:131296	transmembrane4	613	1253	9443	rev
4442	99.F7.sp6:131296	transmembrane4	613	1253	9443	rev
4653	100.D7.sp6:131464	transmembrane4	335	1207	8255	rev
4654	100.D7.sp6:131464	transmembrane4	335	1207	8255	rev
4710	367.H9.sp6:141210	transmembrane4	398	1130	8352	rev
4944	180.H7.sp6:136005	transmembrane4	356	983	8356	rev
3381	176.D9.sp6:134556	trypsin	164	764	9670	rev
4684	180.D1.sp6:135951	trypsin	371	1229	10479	rev
4688	180.D1.sp6:135951	trypsin	371	1229	10479	rev
2754	177.H6.sp6:134793	WD_domain	345	437	6510	for
3046	121.B8.sp6:131900	WD_domain	98	193	6400	for
3227	100.B10.sp6:131443	WD_domain	544	642	6590	for
4243	121.A8.sp6:131888	WD_domain	93	188	6400	for
5046	185.F10.sp6:135787	WD_domain	382	480	5880	for
3129	121.E12.sp6:131940	Wnt_dev_sign	101	821	12160	rev
3173	99.G6.sp6:131307	Wnt_dev_sign	49	880	12334	rev
3390	176.C9.sp6:134544	Wnt_dev_sign	249	854	11038	rev
3391	176.C9.sp6:134544	Wnt_dev_sign	249	854	11038	rev
3656	370.G6.sp6:141775	Wnt_dev_sign	211	785	11490	rev
3836	396.C9.sp6:149508	Wnt_dev_sign	282	1017	12318	rev
4253	396.F9.sp6:149544	Wnt_dev_sign	482	1298	11217	rev
4330	122.A2.sp6:132074	Wnt_dev_sign	94	933	12383	rev
4359	123.B2.sp6:132278	Wnt_dev_sign	538	1435	11785	for
4364	123.A1.sp6:132265	Wnt_dev_sign	760	1544	12660	rev
4375	122.G10.sp6:132154	Wnt_dev_sign	29	884	11603	rev
4385	122.A2.sp6:132074	Wnt_dev_sign	94	933	12383	rev
4409	121.F12.sp6:131952	Wnt_dev_sign	9	734	11167	rev
4441	99.F7.sp6:131296	Wnt_dev_sign	560	1399	13749	rev
4442	99.F7.sp6:131296	Wnt_dev_sign	560	1399	13749	rev
4535	395.F10.sp6:149353	Wnt_dev_sign	100	907	11535	rev
4586	123.A4.sp6:132268	Wnt_dev_sign	80	1122	11249	rev

SEQ ID NO:	Validation Sequence	Biological Activity (Profile)	Start	Stop	Score	Direction
4605	404.D5.sp6:162896	Wnt_dev_sign	31	816	11304	rev
4653	100.D7.sp6:131464	Wnt_dev_sign	467	1314	11882	rev
4654	100.D7.sp6:131464	Wnt_dev_sign	467	1314	11882	rev
4665	177.B11.sp6:134726	Wnt_dev_sign	137	1266	12708	rev
4668	177.B11.sp6:134726	Wnt_dev_sign	137	1266	12708	rev
4682	177.B11.sp6:134726	Wnt_dev_sign	137	1266	12708	rev
4710	367.H9.sp6:141210	Wnt_dev_sign	692	1481	12886	rev
4718	185.D9.sp6:135762	Wnt_dev_sign	129	890	11145	rev
4724	377.D2.sp6:141931	Wnt_dev_sign	400	1227	11044	rev
4733	185.D9.sp6:135762	Wnt_dev_sign	129	890	11145	rev
4856	367.H11.sp6:141212	Wnt_dev_sign	295	1669	13366	rev
4866	377.D4.sp6:141933	Wnt_dev_sign	549	1380	14522	rev
4925	219.B12.sp6:138997	Wnt_dev_sign	312	1214	13188	rev
4959	219.B12.sp6:138997	Wnt_dev_sign	312	1214	13188	rev
3409	172.D1.sp6:133913	Y_phosphatase	476	804	6932	for
3418	123.F9.sp6:132333	Y_phosphatase	28	439	6096	rev
3419	123.F9.sp6:132333	Y_phosphatase	28	439	6096	rev
3657	370.H6.sp6:141787	Y_phosphatase	148	554	6481	for
3804	404.B10.sp6:162877	Y_phosphatase	104	466	6446	rev
3806	404.D10.sp6:162901	Y_phosphatase	9	614	6516	for
3974	395.F2.sp6:149345	Y_phosphatase	164	645	6093	rev
4238	121.E9.sp6:131937	Y_phosphatase	240	777	6147	rev
4263	216.F10.sp6:139235	Y_phosphatase	21	504	6342	for
4343	122.E9.sp6:132129	Y_phosphatase	381	807	6036	rev
4363	123.B1.sp6:132277	Y_phosphatase	61	510	6229	rev
4434	219.F4.sp6:139037	Y_phosphatase	2	261	10353	for
4473	369.B4.sp6:141520	Y_phosphatase	231	768	6110	rev
4629	404.E11.sp6:162914	Y_phosphatase	580	920	6005	rev
5094	217.A3.sp6:139360	Y_phosphatase	263	622	6222	rev
2738	177.A6.sp6:134709	Zincfing_C2H2	65	127	4380	for
2760	177.A6.sp6:134709	Zincfing_C2H2	65	127	4380	for
2832	218.B2.sp6:138795	Zincfing_C2H2	94	156	4940	for
3736	377.H8.sp6:141985	Zincfing_C2H2	495	557	4850	for
3762	377.G2.sp6:141967	Zincfing_C2H2	52	114	4380	for
3763	377.G2.sp6:141967	Zincfing_C2H2	52	114	4380	for
4794	377.G4.sp6:141969	Zincfing_C2H2	247	308	3930	for
5090	185.C4.sp6:135745	Zincfing_C2H2	238	300	4540	for
3774	377.E4.sp6:141945	Zincfing_C3HC4	128	244	9335	for
4477	181.E3.sp6:135322	Zincfing_C3HC4	321	445	8221	for

Table 19. Polynucleotides Specifically Expressed in Colon

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
3	RTA00000197AF.e.24.1	39250	2	0	0	0	0	0	0	0
7	RTA00000197AR.e.12.1	22095	3	0	0	0	0	0	0	0
16	RTA00000196AF.e.16.1	39252	2	0	0	0	0	0	0	0
18	RTA00000196AF.c.17.1	39602	2	0	0	0	0	0	0	0
21	RTA00000131A.g.19.2	36535	2	0	0	0	0	0	0	0
22	RTA00000187AR.o.10.2	8984	4	3	0	0	0	2	0	0
23	RTA00000198R.b.08.1	22636	3	0	0	0	0	0	0	0
26	RTA00000200R.g.09.1	22785	3	0	0	0	0	0	0	0
29	RTA00000200AF.b.19.1	22847	3	0	0	0	0	0	0	0
31	RTA00000200F.m.15.1	22601	3	0	0	0	1	0	0	0
37	RTA00000181AF.n.15.2	86128	1	0	0	0	0	0	0	0
38	RTA00000196R.k.07.1	22443	2	0	0	0	0	0	0	1
40	RTA00000200AR.e.02.1	36059	2	0	0	0	1	1	1	0
48	RTA00000177AR.a.23.5	6995	4	2	0	0	0	0	0	0
49	RTA00000198R.o.05.1	26702	2	0	0	0	0	0	0	0
50	RTA00000201R.a.02.1	35362	2	0	0	0	0	0	0	0
61	RTA00000197AF.h.11.1	22264	3	0	0	0	0	0	0	0
66	RTA00000199F.c.09.2	16824	3	1	0	0	0	0	0	0
75	RTA00000180AR.h.19.2	84182	1	0	0	0	0	0	0	0
78	RTA00000199R.f.09.1	22907	3	0	0	0	0	0	0	0
79	RTA00000199AF.p.4.1	10282	3	3	0	0	0	0	0	0
85	RTA00000200R.o.03.1	22807	3	0	0	0	0	0	0	0
86	RTA00000189AF.l.22.1	33333	1	1	0	0	0	0	0	0
87	RTA00000195AF.d.20.1	37574	2	0	0	0	0	0	0	0
92	RTA00000198AF.j.18.1	22759	3	0	0	0	0	0	0	0
95	RTA00000180AF.g.3.1	9024	5	2	0	0	0	0	0	0
102	RTA00000199R.j.08.1	37844	2	0	0	0	0	0	0	0
103	RTA00000199F.e.10.1	22906	3	0	0	0	0	0	1	0
105	RTA00000179AF.g.12.3	36390	2	0	0	0	0	0	0	0
108	RTA00000183AR.h.23.2	18957	3	0	0	0	0	0	0	0
109	RTA00000197AF.d.12.1	39546	2	0	0	0	0	0	0	0
116	RTA00000181AR.k.24.3	7005	8	2	0	0	0	0	0	0
119	RTA00000181AR.k.24.2	7005	8	2	0	0	0	0	0	0
124	RTA00000199AR.m.06.1	19122	3	0	0	0	0	0	0	0
129	RTA00000134A.d.10.1	18957	3	0	0	0	0	0	0	0
137	RTA00000181AF.m.4.3	13238	4	1	0	0	0	0	0	0
141	RTA00000196AF.c.6.1	23148	3	0	0	0	0	0	0	0
142	RTA00000198AF.k.19.1	75879	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
143	RTA00000199R.h.09.1	76020	1	0	0	0	0	0	0	0
144	RTA00000198AF.o.18.1	13018	4	0	0	0	1	0	0	0
148	RTA00000199F.h.17.2	36254	2	0	0	0	0	0	0	0
149	RTA00000181AR.h.06.3	87226	1	0	0	0	0	0	0	0
166	RTA00000198AF.f.21.1	22676	3	0	0	0	0	0	0	0
173	RTA00000200AR.b.07.1	17125	4	0	0	0	0	0	0	0
178	RTA00000200F.o.03.1	22807	3	0	0	0	0	0	0	0
180	RTA00000199AF.j.12.1	22461	3	0	0	0	0	0	0	0
185	RTA00000195AF.d.4.1	22766	3	0	0	0	0	0	0	0
194	RTA00000200R.k.01.1	40049	2	0	0	0	0	0	0	0
195	RTA00000198AF.c.10.1	77149	1	0	0	0	0	0	0	0
198	RTA00000197AR.e.07.1	86969	1	0	0	0	0	0	0	0
199	RTA00000199R.c.09.1	16824	3	1	0	0	0	0	0	0
206	RTA00000181AF.o.04.2	22205	3	0	0	0	0	0	0	0
207	RTA00000199AF.l.19.1	22460	3	0	0	0	0	0	0	0
208	RTA00000198AF.h.22.1	22366	2	1	0	0	0	0	0	0
211	RTA00000199AF.m.15.1	10101	3	0	0	0	0	0	0	0
212	RTA00000197AF.j.9.1	13236	4	1	0	0	0	0	0	0
230	RTA00000185AR.b.18.1	12171	3	2	0	0	0	0	0	0
235	RTA00000201AF.a.02.1	35362	2	0	0	0	0	0	0	0
236	RTA00000183AR.h.23.1	18957	3	0	0	0	0	0	0	0
238	RTA00000187AR.k.12.1	78415	1	0	0	0	0	0	0	0
242	RTA00000198AF.m.17.1	77992	1	0	0	0	0	0	0	0
243	RTA00000181AF.m.15.3	12081	4	0	0	0	0	0	0	0
248	RTA00000198R.c.14.1	39814	2	0	0	0	0	0	0	0
249	RTA00000200R.o.03.2	22807	3	0	0	0	0	0	0	0
251	RTA00000192AF.n.13.1	8210	2	6	0	0	0	0	0	0
256	RTA00000184AR.e.15.1	16347	4	0	0	0	0	0	0	0
260	RTA00000198R.m.17.1	77992	1	0	0	0	0	0	0	0
270	RTA00000178R.l.08.1	39648	2	0	0	0	0	0	0	0
278	RTA00000198AF.p.16.1	71877	1	0	0	0	0	0	0	0
280	RTA00000193AF.b.18.1	7542	8	0	0	2	1	0	1	0
284	RTA00000199F.d.10.2	22049	3	0	0	0	0	0	0	0
287	RTA00000200AF.b.07.1	17125	4	0	0	0	0	0	0	0
288	RTA00000181AR.i.06.3	19119	3	0	0	0	0	0	0	0
289	RTA00000196F.k.07.1	22443	2	0	0	0	0	0	0	1
294	RTA00000198AF.k.23.1	8995	2	5	0	0	0	0	0	0
296	RTA00000196AF.f.20.1	22774	3	0	0	0	0	0	0	0
300	RTA00000195AF.c.12.1	37582	2	0	0	0	0	0	0	0

SEQ ID	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
NO:										
302	RTA00000186AF.d.1.2	40044	2	0	0	1	0	0	0	0
307	RTA00000200F.n.05.2	18989	3	0	0	0	0	0	0	0
308	RTA00000178AF.j.20.1	15066	4	0	0	0	0	0	0	0
310	RTA00000188AF.m.08.1	22155	3	0	0	0	0	0	0	0
315	RTA00000199R.d.23.1	37477	2	0	0	0	0	0	0	0
319	RTA00000200F.n.05.1	18989	3	0	0	0	0	0	0	0
320	RTA00000196AF.m.13.1	16290	4	0	0	0	0	0	0	0
325	RTA00000182AF.d.18.4	37435	2	0	0	0	0	0	0	0
328	RTA00000200AF.g.09.1	22785	3	0	0	0	0	0	0	0
330	RTA00000177AR.m.17.4	14391	3	1	0	0	0	0	0	0
331	RTA00000197AR.c.20.1	16282	4	0	0	0	0	0	0	0
337	RTA00000177AR.m.17.3	14391	3	1	0	0	0	0	0	0
342	RTA00000196AF.d.10.1	22256	3	0	0	0	0	0	0	0
343	RTA00000201F.a.18.1	16837	2	2	0	0	0	0	0	0
344	RTA00000198AF.o.02.1	68756	1	0	0	0	0	0	0	0
345	RTA00000187AF.h.21.1	39171	2	0	0	0	0	0	0	0
347	RTA00000199F.b.03.2	38340	2	0	0	0	0	0	0	0
358	RTA00000198AF.g.7.1	13386	3	2	0	0	0	0	0	0
362	RTA00000197AR.c.24.1	82498	1	0	0	0	0	0	0	0
371	RTA00000197F.e.7.1	86969	1	0	0	0	0	0	0	0
378	RTA00000181AF.k.24.3	7005	8	2	0	0	0	0	0	0
382	RTA00000200AF.j.6.1	22902	3	0	0	0	0	0	0	0
384	RTA00000196AF.h.17.1	39215	2	0	0	0	0	0	0	0
392	RTA00000185AF.b.11.2	9024	5	2	0	0	0	0	0	0
397	RTA00000198AF.b.22.1	38956	2	0	0	0	0	0	0	0
399	RTA00000186AF.m.15.2	40122	2	0	0	0	0	0	0	0
406	RTA00000199F.f.09.2	22907	3	0	0	0	0	0	0	0
408	RTA00000183AR.l.15.1	39383	2	0	0	0	0	0	0	0
413	RTA00000200F.a.12.1	16751	4	0	0	0	0	0	0	0
416	RTA00000199F.a.5.1	22134	3	0	0	0	0	0	0	0
418	RTA00000187AR.k.01.1	78356	1	0	0	0	0	0	0	0
424	RTA00000187AR.j.24.1	78356	1	0	0	0	0	0	0	0
426	RTA00000199AF.o.19.1	36927	2	0	0	0	0	0	0	0
429	RTA00000196F.i.19.1	39498	2	0	0	0	0	0	0	0
430	RTA00000198R.k.23.1	8995	2	5	0	0	0	0	0	0
432	RTA00000198AF.o.05.1	26702	2	0	0	0	0	0	0	0
433	RTA00000198R.j.18.1	22759	3	0	0	0	0	0	0	0
435	RTA00000182AR.c.22.1	16283	3	0	0	0	0	0	0	0
438	RTA00000180AR.g.03.4	9024	5	2	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
451	RTA00000200AF.b.20.1	40403	2	0	0	0	0	0	0	0
455	RTA00000198AF.d.12.1	21142	2	1	0	0	0	0	0	0
456	RTA00000200AF.b.12.1	22053	3	0	0	0	0	0	0	0
457	RTA00000191AR.l.7.2	14391	3	1	0	0	0	0	0	0
461	RTA00000190AF.e.13.1	38961	2	0	0	0	0	0	0	0
462	RTA00000196AF.n.17.1	12477	4	1	0	0	0	0	0	0
467	RTA00000195AF.b.19.1	77678	1	0	0	0	0	0	0	0
475	RTA00000187AR.m.3.3	17055	4	0	0	0	0	0	0	0
476	RTA00000200R.g.15.1	22898	3	0	0	0	0	0	0	0
482	RTA00000187AF.j.7.1	78091	1	0	0	0	0	0	0	0
485	RTA00000196AF.c.14.1	23105	3	0	0	0	0	0	0	0
486	RTA00000190AR.p.22.2	16368	4	0	0	0	0	0	0	0
492	RTA00000198AF.b.8.1	22636	3	0	0	0	0	0	0	0
493	RTA00000177AF.m.17.1	14391	3	1	0	0	0	0	0	0
494	RTA00000200AF.k.1.1	40049	2	0	0	0	0	0	0	0
498	RTA00000190AF.h.12.1	12977	5	0	0	0	0	0	0	0
499	RTA00000199F.b.22.2	17018	4	0	0	0	0	0	0	0
508	RTA00000187AF.i.14.2	19406	2	1	0	0	0	0	0	0
511	RTA00000196AF.g.10.1	12498	3	1	1	0	0	0	0	0
517	RTA00000184AF.e.14.1	16347	4	0	0	0	0	0	0	0
522	RTA00000178AR.h.17.2	23824	2	1	0	0	0	0	0	0
531	RTA00000195F.a.3.1	27179	2	0	0	0	0	0	0	0
544	RTA00000196F.j.13.1	23170	3	0	0	0	0	0	0	0
547	RTA00000196AF.g.8.1	39665	2	0	0	0	0	0	0	0
549	RTA00000198AF.c.16.1	26801	2	0	0	0	0	0	0	0
553	RTA00000201F.b.22.1	35728	2	0	0	0	0	0	0	1
559	RTA00000197AF.p.20.1	22795	3	0	0	0	0	0	0	0
563	RTA00000192AR.o.16.2	9061	5	2	0	0	0	0	0	0
565	RTA00000191AF.c.10.1	40422	2	0	0	0	0	0	0	0
568	RTA00000196AF.p.01.2	87143	1	0	0	0	0	0	0	0
578	RTA00000180AF.g.17.1	16653	3	1	0	0	0	0	0	0
583	RTA00000190AR.h.12.2	12977	5	0	0	0	0	0	0	0
585	RTA00000198AF.n.18.1	16715	3	1	0	0	0	0	0	0
586	RTA00000199R.o.11.1	23172	3	0	0	0	0	0	0	0
588	RTA00000191AF.b.4.1	14936	3	0	0	0	0	0	0	0
589	RTA00000192AF.l.1.1	16392	3	0	0	0	0	0	0	0
593	RTA00000196R.c.14.2	23105	3	0	0	0	0	0	0	0
595	RTA00000195R.a.06.1	35265	2	0	1	0	0	0	0	0
602	RTA00000195AF.b.21.1	39055	2	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
612	RTA00000197AR.e.22.1	78758	1	0	0	0	0	0	0	0
615	RTA00000197R.p.20.1	22795	3	0	0	0	0	0	0	0
618	RTA00000192AF.a.14.1	6874	6	3	0	0	1	0	0	0
623	RTA00000198R.b.24.1	19047	3	0	0	0	0	0	0	0
627	RTA00000199F.h.15.2	22269	3	0	0	0	0	0	0	0
628	RTA00000198AF.g.16.1	6602	1	1	0	0	0	0	0	0
634	RTA00000192AF.j.6.1	11494	4	0	0	0	0	0	0	0
635	RTA00000181AF.p.7.3	38773	2	0	0	0	0	0	0	0
637	RTA00000200AF.g.15.1	22898	3	0	0	0	0	0	0	0
643	RTA00000184AF.c.9.1	16245	4	0	0	0	0	0	0	0
645	RTA00000177AF.k.9.1	16245	4	0	0	0	0	0	0	0
649	RTA00000190AR.l.19.2	88204	1	0	0	0	0	0	0	0
662	RTA00000201R.a.15.1	57347	1	0	0	0	0	0	0	0
664	RTA00000195R.a.23.1	86432	1	0	0	0	0	0	0	0
670	RTA00000186AF.p.17.3	38383	2	0	0	0	0	0	0	0
674	RTA00000197AR.e.24.1	39250	2	0	0	0	0	0	0	0
683	RTA00000187AR.j.01.1	79028	1	0	0	0	0	0	0	0
686	RTA00000201F.f.07.1	51116	1	0	0	0	0	0	0	0
694	RTA00000201R.c.19.1	22357	2	1	0	0	0	0	0	0
702	RTA00000177AR.b.8.5	17062	3	0	0	0	0	0	0	0
712	RTA00000201F.b.21.1	9071	3	4	0	0	0	0	0	0
717	RTA00000200F.o.10.2	36432	2	0	0	0	0	0	0	0
718	RTA00000196F.l.14.2	23144	3	0	0	0	0	0	0	0
725	RTA00000197AF.b.1.1	12134	1	1	0	0	0	0	0	0
733	RTA00000200AF.d.20.1	26600	2	0	0	0	0	0	0	0
743	RTA00000178AF.k.9.1	16342	3	0	0	0	0	0	0	0
748	RTA00000198AF.b.24.1	19047	3	0	0	0	0	0	0	0
757	RTA00000406F.d.16.1	15040	2	2	0	0	0	0	0	0
760	RTA00000408F.o.12.2	78578	1	0	0	0	0	0	0	0
761	RTA00000119A.j.15.1	79623	1	0	0	0	0	0	0	0
762	RTA00000413F.d.12.1	66467	1	0	0	0	0	0	0	0
763	RTA00000423F.i.12.1	9118	4	3	0	0	0	0	0	0
766	RTA00000411F.k.05.1	64777	1	0	0	0	0	0	0	0
769	RTA00000419F.b.09.1	78128	1	0	0	0	0	0	0	0
772	RTA00000411F.m.15.1	78014	1	0	0	0	0	0	0	0
774	RTA00000123A.k.23.1	80313	1	0	0	0	0	0	0	0
777	RTA00000130A.m.15.1	81630	1	0	0	0	0	0	0	0
778	RTA00000411F.k.20.1	64973	1	0	0	0	0	0	0	0
780	RTA00000418F.k.05.1	73021	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
781	RTA00000423F.h.18.1	37972	2	0	0	0	0	0	0	0
783	RTA00000422F.p.06.2	39282	2	0	0	0	0	0	0	0
784	RTA00000404F.n.16.2	39095	2	0	0	0	0	0	0	0
785	RTA00000411F.m.24.1	77568	1	0	0	0	0	0	0	0
786	RTA00000134A.j.10.1	81383	1	0	0	0	0	0	0	0
787	RTA00000409F.j.02.1	76417	1	0	0	0	0	0	0	0
788	RTA00000403F.j.15.1	23840	2	1	0	0	0	0	0	0
789	RTA00000411F.n.11.1	77276	1	0	0	0	0	0	0	0
790	RTA00000339F.i.13.1	5970	6	4	0	0	0	0	0	0
792	RTA00000406F.o.15.1	37482	2	0	0	0	0	0	0	0
793	RTA00000412F.g.04.2	64457	1	0	0	0	0	0	0	0
795	RTA00000352R.l.06.1	40343	2	0	0	0	0	0	0	0
796	RTA00000419F.b.12.1	63148	1	0	0	0	0	0	0	0
797	RTA00000423F.k.17.2	37512	2	0	0	0	0	0	0	0
799	RTA00000418F.k.14.1	76133	1	0	0	0	0	1	0	0
800	RTA00000409F.l.12.1	26755	1	0	0	0	0	0	0	0
801	RTA00000404F.c.20.1	39088	2	0	0	0	0	0	1	0
802	RTA00000423F.g.09.1	38958	2	0	0	0	0	0	0	0
804	RTA00000406F.d.12.1	38575	2	0	0	0	0	0	0	0
805	RTA00000411F.f.02.1	63386	1	0	0	0	0	0	0	0
806	RTA00000129A.n.21.1	79381	1	0	0	0	0	0	0	0
807	RTA00000409F.m.12.1	73490	1	0	0	0	0	0	0	0
808	RTA00000410F.c.04.1	74099	1	0	0	0	0	0	0	0
810	RTA00000406F.m.09.1	26891	2	0	0	0	0	0	0	0
811	RTA00000411F.b.06.1	77884	1	0	0	0	0	0	0	0
812	RTA00000409F.l.21.1	73143	1	0	0	0	0	0	0	0
818	RTA00000404F.l.20.2	38638	2	0	0	0	0	0	0	0
819	RTA00000413F.d.18.1	65305	1	0	0	0	0	0	0	0
820	RTA00000404F.p.04.2	39069	2	0	0	0	0	0	0	0
821	RTA00000405F.g.19.2	37150	2	0	0	0	0	0	0	0
822	RTA00000409F.a.22.1	75200	1	0	0	0	0	0	0	0
824	RTA00000405F.o.18.1	11016	4	2	0	0	0	0	0	0
829	RTA00000408F.e.22.2	26930	1	0	0	0	0	0	0	0
831	RTA00000413F.d.16.1	63331	1	0	0	0	0	0	0	0
834	RTA00000419F.g.08.1	66700	1	0	0	0	0	0	0	0
835	RTA00000122A.g.16.1	81366	1	0	0	0	0	0	0	0
836	RTA00000419F.c.16.1	65254	1	0	0	0	0	0	0	0
837	RTA00000411F.b.03.1	23634	1	2	0	0	0	0	0	0
842	RTA00000403F.l.20.1	18267	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
845	RTA00000411F.a.02.1	78537	1	0	0	0	0	0	0	0
847	RTA00000412F.l.04.1	66372	1	0	0	0	0	0	0	0
849	RTA00000406F.a.23.1	38712	2	0	0	0	0	0	0	0
851	RTA00000120A.n.19.3	80004	1	0	0	0	0	0	0	0
852	RTA00000403F.e.01.1	38965	2	0	0	0	0	0	0	0
853	RTA00000411F.l.03.1	62702	1	0	0	0	0	0	0	0
856	RTA00000121A.m.2.1	81064	1	0	0	0	0	0	0	0
858	RTA00000418F.j.12.1	73316	1	0	0	0	0	0	0	0
862	RTA00000125A.g.16.1	21497	2	1	0	0	0	0	0	0
863	RTA00000418F.o.18.1	78676	1	0	0	0	0	0	0	0
865	RTA00000408F.k.14.1	73856	1	0	0	0	0	0	0	0
871	RTA00000403F.o.15.1	39140	2	0	0	0	0	0	0	0
872	RTA00000341F.m.13.1	26502	1	0	0	0	0	0	0	0
873	RTA00000408F.h.03.1	78382	1	0	0	0	0	0	0	0
874	RTA00000423F.k.05.1	37472	2	0	0	0	0	0	0	0
876	RTA00000418F.p.19.1	78544	1	0	0	0	0	0	0	0
877	RTA00000420F.f.06.1	64812	1	0	0	0	0	0	0	0
878	RTA00000122A.j.18.1	81317	1	0	0	0	0	0	0	0
879	RTA00000420F.d.05.1	64432	1	0	0	0	0	0	0	0
880	RTA00000403F.m.18.1	39185	2	0	0	0	0	0	0	0
882	RTA00000411F.j.05.1	40709	1	1	0	0	0	0	0	0
883	RTA00000403F.a.04.1	23529	2	1	0	0	0	0	0	0
885	RTA00000406F.f.12.1	21895	2	1	0	0	0	0	0	0
886	RTA00000418F.g.22.1	74837	1	0	0	0	0	0	0	0
888	RTA00000404F.l.20.1	38638	2	0	0	0	0	0	0	0
889	RTA00000408F.i.08.2	75811	1	0	0	0	0	0	0	0
890	RTA00000122A.d.5.1	81155	1	0	0	0	0	0	0	0
894	RTA00000419F.b.19.1	65534	1	0	0	0	0	0	0	0
896	RTA00000418F.k.19.1	74932	1	0	0	0	0	0	0	0
900	RTA00000419F.g.12.1	66171	1	0	0	0	0	0	0	0
901	RTA00000404F.n.11.2	38001	2	0	0	0	0	0	0	0
904	RTA00000419F.o.24.1	65092	1	0	0	0	0	0	0	0
905	RTA00000419F.k.19.1	75447	1	0	0	0	0	0	0	0
907	RTA00000127A.i.20.1	81418	1	0	0	0	0	0	0	0
908	RTA00000422F.g.22.1	22561	3	0	0	0	0	0	0	0
910	RTA00000413F.h.13.1	65190	1	0	0	0	0	0	0	0
913	RTA00000348R.j.16.1	7005	8	2	0	0	0	0	0	0
916	RTA00000418F.n.22.1	79062	1	0	0	0	0	0	0	0
917	RTA00000406F.l.08.1	39016	2	0	0	0	0	0	0	0

SEQ ID	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
NO:										
920	RTA00000409F.j.07.1	75190	1	0	0	0	0	0	0	0
923	RTA00000411F.e.22.1	63638	1	0	0	0	0	0	0	0
924	RTA00000347F.a.17.1	16723	3	1	0	0	0	0	0	0
926	RTA00000404F.n.20.1	26865	2	0	0	0	0	0	0	0
929	RTA00000404F.b.02.1	38984	2	0	0	0	0	0	0	0
931	RTA00000403F.b.10.1	73268	1	0	0	0	0	0	0	0
932	RTA00000406F.i.12.1	39080	2	0	0	0	0	0	0	0
933	RTA00000406F.h.08.1	16228	2	2	0	0	0	0	0	0
934	RTA00000418F.i.19.1	79180	1	0	0	0	0	0	0	0
936	RTA00000412F.h.21.1	64348	1	0	0	0	0	0	0	0
938	RTA00000120A.g.18.1	81255	1	0	0	0	0	0	0	0
940	RTA00000423F.j.05.1	37958	2	0	0	0	0	0	0	0
941	RTA00000132A.k.6.1	81284	1	0	0	0	0	0	0	0
943	RTA00000406F.p.04.1	37458	2	0	0	0	0	0	0	0
944	RTA00000347F.a.13.1	22446	3	0	0	0	0	0	0	0
945	RTA00000419F.p.23.1	64748	1	0	0	0	0	0	0	0
946	RTA00000419F.d.17.1	64353	1	0	0	0	0	0	0	0
949	RTA00000124A.k.5.1	80252	1	0	0	0	0	0	0	0
950	RTA00000404F.h.22.1	18735	2	1	0	0	0	0	1	0
952	RTA00000410F.o.05.1	75262	1	0	0	0	0	0	0	0
953	RTA00000339R.l.14.1	19119	3	0	0	0	0	0	0	0
954	RTA00000403F.m.13.2	39077	2	0	0	0	0	0	0	0
957	RTA00000419F.g.22.1	64515	1	0	0	0	0	0	0	0
958	RTA00000404F.g.21.1	37947	2	0	0	0	0	0	0	0
960	RTA00000138A.n.4.1	21920	2	1	0	0	0	0	0	0
961	RTA00000410F.b.15.1	77100	1	0	0	0	0	0	0	0
963	RTA00000419F.j.23.1	74470	1	0	0	0	0	0	0	0
964	RTA00000411F.j.02.1	65310	1	0	0	0	0	0	0	0
965	RTA00000419F.p.24.1	63477	1	0	0	0	0	0	0	0
966	RTA00000404F.a.19.1	38624	2	0	0	0	0	0	0	0
973	RTA00000346F.e.13.1	74653	1	0	0	0	0	0	0	0
974	RTA00000419F.c.18.1	41394	1	1	0	0	0	0	0	0
978	RTA00000404F.e.22.1	11344	3	3	0	0	0	0	0	0
981	RTA00000125A.k.10.1	81644	1	0	0	0	0	0	0	0
982	RTA00000347F.c.06.1	18846	2	1	0	0	0	0	0	0
983	RTA00000411F.k.19.1	64200	1	0	0	0	0	0	0	0
984	RTA00000345F.i.09.1	27250	2	0	0	0	0	0	0	0
985	RTA00000423F.k.01.1	40426	2	0	0	0	0	0	0	0
986	RTA00000408F.d.06.1	78997	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
987	RTA00000128A.b.20.1	79761	1	0	0	0	0	0	0	0
989	RTA00000195AF.d.4.1	22766	3	0	0	0	0	0	0	0
991	RTA00000403F.h.12.1	15205	2	1	0	0	0	0	0	0
992	RTA00000119A.j.22.1	80336	1	0	0	0	0	0	0	0
995	RTA00000126A.n.7.2	79557	1	0	0	1	0	0	0	0
997	RTA00000404F.j.08.1	39066	2	0	0	0	0	0	0	0
998	RTA00000410F.c.14.1	77809	1	0	0	0	0	0	0	0
999	RTA00000120A.g.23.1	81189	1	0	0	0	0	0	0	0
1000	RTA00000195AF.d.20.1	37574	2	0	0	0	0	0	0	0
1002	RTA00000412F.j.17.1	64071	1	0	0	0	0	0	0	0
1004	RTA00000119A.j.10.1	79646	1	0	0	0	0	0	0	0
1010	RTA00000419F.o.16.1	62867	1	0	0	0	0	0	0	0
1012	RTA00000411F.c.17.1	77664	1	0	0	0	0	0	0	0
1013	RTA00000406F.k.15.1	38549	2	0	0	0	0	0	0	0
1014	RTA00000406F.a.02.1	37744	2	0	0	0	0	0	0	0
1016	RTA00000341F.b.06.1	17008	4	0	0	0	0	0	0	0
1017	RTA00000409F.n.14.1	78190	1	0	0	0	0	0	0	0
1019	RTA00000345F.j.08.1	16731	3	1	0	0	0	0	0	0
1021	RTA00000419F.g.15.1	32519	1	1	0	0	0	0	0	0
1022	RTA00000423F.a.19.1	21396	1	2	0	0	0	0	0	0
1024	RTA00000422F.e.08.1	39020	2	0	0	0	0	0	0	0
1025	RTA00000411F.d.15.1	74890	1	0	0	0	0	0	0	0
1027	RTA00000411F.l.15.1	66704	1	0	0	0	0	0	0	0
1029	RTA00000405F.e.08.1	37916	2	0	0	0	1	0	0	0
1030	RTA00000353R.j.24.1	23089	3	0	0	0	0	0	0	0
1032	RTA00000418F.o.06.1	75930	1	0	0	0	0	0	0	0
1033	RTA00000404F.c.10.1	23534	2	1	0	0	0	0	0	0
1034	RTA00000418F.i.21.1	78728	1	0	0	0	0	0	0	0
1036	RTA00000411F.l.13.1	43114	1	1	0	0	0	0	0	0
1037	RTA00000407F.a.24.1	37560	2	0	0	0	0	0	0	0
1038	RTA00000346F.n.06.1	12439	4	0	0	0	0	0	0	0
1039	RTA00000412F.l.21.1	65183	1	0	0	0	0	0	0	0
1040	RTA00000413F.i.02.1	65857	1	0	0	0	0	0	0	0
1041	RTA00000404F.i.19.1	38698	2	0	0	0	0	0	0	0
1043	RTA00000403F.a.11.1	73109	1	0	0	0	0	0	0	0
1045	RTA00000411F.k.16.1	64759	1	0	0	0	0	0	1	0
1046	RTA00000405F.c.01.1	19236	2	0	0	0	0	0	0	0
1047	RTA00000423F.i.18.1	14996	4	0	0	0	0	0	0	0
1050	RTA00000406F.a.07.1	26607	2	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1051	RTA00000347F.d.06.1	39122	2	0	0	0	0	0	0	0
1052	RTA00000419F.b.18.1	67034	1	0	0	0	0	0	0	0
1053	RTA00000406F.h.07.1	38003	2	0	0	0	0	0	0	0
1054	RTA00000405F.l.15.1	19575	2	1	0	0	0	0	0	0
1055	RTA00000406F.g.17.1	37979	2	0	0	0	0	0	0	0
1058	RTA00000130A.h.22.1	80933	1	0	0	0	0	0	0	0
1061	RTA00000404F.d.13.1	39036	2	0	0	0	0	0	0	0
1064	RTA00000340F.n.01.1	39081	2	0	0	0	0	0	0	0
1065	RTA00000419F.d.06.1	65496	1	0	0	0	0	0	0	0
1066	RTA00000419F.n.09.1	66070	1	0	0	0	0	0	0	0
1067	RTA00000399F.i.08.1	38927	2	0	0	0	0	0	0	0
1069	RTA00000423F.g.13.1	38028	2	0	0	0	0	0	0	0
1072	RTA00000195AF.b.21.1	39055	2	0	0	0	0	0	0	0
1073	RTA00000403F.h.05.1	39096	2	0	0	0	0	0	0	0
1075	RTA00000422F.p.07.2	39024	2	0	0	1	0	0	0	0
1078	RTA00000421F.n.19.1	16409	3	1	0	0	0	0	0	0
1080	RTA00000345F.k.21.1	40204	2	0	0	0	0	0	0	0
1082	RTA00000405F.a.11.1	39124	2	0	0	0	0	0	0	0
1084	RTA00000413F.e.16.1	63836	1	0	0	0	0	0	0	0
1086	RTA00000404F.o.18.2	39110	2	0	0	0	0	0	0	0
1087	RTA00000409F.i.24.1	76967	1	0	0	0	0	0	0	0
1091	RTA00000340F.n.13.1	17055	4	0	0	0	0	0	0	0
1092	RTA00000340F.p.04.1	78533	1	0	0	0	0	0	0	0
1093	RTA00000411F.c.05.1	73368	1	0	0	0	0	0	0	0
1097	RTA00000404F.i.02.1	39015	2	0	0	0	0	0	0	0
1099	RTA00000403F.m.15.2	26901	2	0	0	0	0	0	0	0
1100	RTA00000412F.h.23.2	65118	1	0	0	0	0	0	0	0
1101	RTA00000418F.j.08.1	73382	1	0	0	0	0	0	0	0
1102	RTA00000125A.n.4.1	81984	1	0	0	0	0	0	0	0
1103	RTA00000412F.l.19.1	65825	1	0	0	0	0	0	0	0
1105	RTA00000129A.p.3.1	32644	1	1	0	0	0	0	0	0
1106	RTA00000340F.p.20.1	17008	4	0	0	0	0	0	0	0
1107	RTA00000411F.a.10.1	73073	1	0	0	0	0	0	0	0
1108	RTA00000409F.n.17.1	76725	1	0	0	0	0	0	0	0
1109	RTA00000404F.c.03.2	39198	2	0	0	0	0	0	0	0
1110	RTA00000420F.a.19.1	34192	1	1	0	0	0	0	0	0
1114	RTA00000420F.d.12.1	64095	1	0	0	0	0	0	0	0
1115	RTA00000409F.j.19.1	73792	1	0	0	0	0	0	0	0
1116	RTA00000422F.d.16.1	39133	2	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1117	RTA00000418F.m.16.1	74986	1	0	0	0	0	0	0	0
1118	RTA00000405F.c.11.1	39068	2	0	0	0	0	0	0	0
1119	RTA00000404F.k.22.1	39084	2	0	0	0	0	0	0	0
1120	RTA00000418F.k.07.1	75067	1	0	0	0	0	0	0	0
1121	RTA00000403F.c.10.1	75261	1	0	0	0	0	0	0	0
1124	RTA00000410F.m.05.1	74964	1	0	0	0	0	0	0	0
1125	RTA00000405F.i.20.1	38532	2	0	0	0	0	0	0	0
1127	RTA00000408F.p.24.1	74286	1	0	0	0	0	0	0	0
1128	RTA00000418F.k.18.1	75385	1	0	0	0	0	0	0	0
1129	RTA00000422F.m.04.1	38702	2	0	0	0	0	0	0	0
1133	RTA00000403F.a.07.1	73559	1	0	0	0	0	0	0	0
1135	RTA00000403F.b.19.1	22327	2	1	0	0	0	0	0	0
1136	RTA00000418F.m.23.1	77195	1	0	0	0	0	0	0	0
1138	RTA00000404F.i.18.1	21912	2	1	0	0	0	0	0	0
1139	RTA00000422F.i.14.1	39300	2	0	0	0	0	0	0	0
1140	RTA00000418F.m.14.1	75711	1	0	0	1	0	0	0	0
1141	RTA00000406F.o.12.1	37459	2	0	0	0	0	0	0	0
1143	RTA00000411F.a.07.1	74547	1	0	0	0	0	0	0	0
1144	RTA00000411F.c.02.1	72852	1	0	0	0	0	0	0	0
1146	RTA000004130A.h.16.1	80761	1	0	0	0	0	0	0	0
1147	RTA00000410F.p.23.1	73948	1	0	0	0	0	0	0	0
1148	RTA00000418F.m.24.1	77114	1	0	0	0	0	0	0	0
1150	RTA00000408F.j.19.2	73752	1	0	0	0	0	0	0	0
1152	RTA000004118A.d.17.1	81921	1	0	0	0	0	0	0	0
1153	RTA00000407F.b.04.1	63221	1	0	0	0	0	0	0	0
1154	RTA00000411F.e.07.1	65008	1	0	0	0	0	0	0	0
1156	RTA000004132A.c.11.1	87278	1	0	0	0	0	0	0	0
1157	RTA00000420F.e.16.1	63639	1	0	0	0	0	0	0	0
1159	RTA00000404F.b.11.1	39079	2	0	0	0	0	0	0	0
1160	RTA00000418F.k.17.1	75390	1	0	0	0	0	0	0	0
1161	RTA000004129A.k.12.1	79322	1	0	0	0	0	0	0	0
1162	RTA000004340R.m.07.1	78415	1	0	0	0	0	0	0	0
1163	RTA00000405F.d.14.1	35209	2	0	0	0	0	0	1	0
1164	RTA00000406F.f.11.1	38601	2	0	0	0	0	0	0	0
1165	RTA000004120A.h.5.1	80344	1	0	0	0	0	0	0	0
1167	RTA00000411F.g.06.1	66065	1	0	0	0	0	0	0	0
1168	RTA00000408F.d.16.1	76318	1	0	0	0	0	0	0	0
1171	RTA00000404F.c.19.1	39026	2	0	0	0	0	0	0	1
1173	RTA00000410F.a.01.1	73354	1	0	0	0	0	0	0	0

SEQ ID	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
NO:										
1174	RTA00000408F.h.08.1	74575	1	0	0	0	0	0	0	0
1175	RTA00000422F.b.16.1	17045	4	0	0	0	0	0	0	0
1176	RTA00000419F.f.10.1	66193	1	0	0	0	0	0	0	0
1177	RTA00000418F.l.04.1	74140	1	0	0	0	0	0	0	0
1178	RTA00000410F.a.16.1	73548	1	0	0	0	0	0	0	0
1179	RTA00000138A.e.13.1	79608	1	0	0	0	0	0	0	0
1180	RTA00000130A.b.5.1	79579	1	0	0	0	0	0	0	0
1181	RTA00000408F.j.15.2	74759	1	0	0	0	0	0	0	0
1182	RTA00000410F.m.20.1	74285	1	0	0	0	0	0	0	0
1185	RTA00000419F.e.04.1	62963	1	0	0	0	0	0	0	0
1187	RTA00000418F.g.05.1	73075	1	0	0	0	0	0	0	0
1188	RTA00000419F.n.02.1	65963	1	0	0	0	0	0	0	0
1191	RTA00000119A.m.15.1	80989	1	0	0	0	0	0	0	0
1194	RTA00000413F.g.23.1	40700	1	1	0	0	0	0	0	0
1195	RTA00000403F.a.18.1	75726	1	0	0	0	0	0	0	0
1196	RTA00000404F.m.20.2	39144	2	0	0	0	0	0	0	0
1199	RTA00000419F.h.04.1	65034	1	0	0	0	0	0	0	0
1200	RTA00000408F.d.12.1	75782	1	0	0	0	0	0	0	0
1201	RTA00000133A.m.19.2	80167	1	0	0	0	0	0	0	0
1206	RTA00000126A.o.22.1	81752	1	0	0	0	0	0	0	0
1207	RTA00000419F.n.13.1	66026	1	0	0	0	0	0	0	0
1208	RTA00000130A.h.13.1	80790	1	0	0	0	0	0	0	0
1212	RTA00000411F.m.19.1	74924	1	0	0	0	0	0	0	0
1214	RTA00000419F.k.06.1	78493	1	0	0	0	0	0	0	0
1216	RTA00000412F.d.16.1	26829	1	0	0	0	0	0	0	0
1217	RTA00000119A.j.23.1	79835	1	0	0	0	0	0	0	0
1219	RTA00000195AF.c.12.1	37582	2	0	0	0	0	0	0	0
1223	RTA00000423F.c.19.1	40472	2	0	0	0	0	0	0	0
1224	RTA00000405F.g.24.1	39076	2	0	0	0	0	0	0	0
1226	RTA00000419F.c.11.1	65504	1	0	0	0	0	0	0	0
1227	RTA00000135A.f.14.2	79969	1	0	0	0	0	0	0	0
1228	RTA00000403F.a.05.1	18808	1	1	0	0	0	0	0	0
1229	RTA00000405F.e.17.1	38662	2	0	0	0	0	0	0	0
1230	RTA00000411F.d.05.1	75812	1	0	0	0	0	0	0	0
1232	RTA00000418F.d.03.1	76824	1	0	0	0	0	0	0	0
1233	RTA00000418F.h.08.1	76401	1	0	0	0	0	0	0	0
1234	RTA00000418F.m.10.1	79110	1	0	0	0	0	0	0	0
1235	RTA00000411F.i.15.1	31612	1	1	0	0	0	0	0	0
1236	RTA00000413F.i.23.1	63073	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1237	RTA00000411F.e.24.1	64781	1	0	0	0	0	0	0	0
1238	RTA00000406F.g.22.1	38590	2	0	0	0	0	0	0	0
1239	RTA00000126A.n.13.2	79735	1	0	0	0	0	0	0	0
1240	RTA00000419F.a.02.1	77993	1	0	0	0	0	0	0	0
1241	RTA00000346F.l.13.1	7542	8	0	0	2	1	0	1	0
1245	RTA00000120A.d.15.1	80533	1	0	0	0	0	0	0	0
1246	RTA00000418F.f.21.1	75157	1	0	0	0	0	0	0	0
1248	RTA00000129A.d.1.2	80058	1	0	0	0	0	0	0	0
1251	RTA00000419F.m.20.1	76720	1	0	0	0	0	0	0	0
1253	RTA00000406F.e.15.1	39074	2	0	0	0	0	0	0	0
1255	RTA00000411F.c.10.1	73117	1	0	0	0	0	0	0	0
1259	RTA00000413F.d.05.1	64788	1	0	0	0	0	0	0	0
1260	RTA00000121A.o.3.1	81437	1	0	0	0	0	0	0	0
1262	RTA00000420F.e.02.1	40259	2	0	0	0	0	0	0	0
1268	RTA00000126A.k.7.2	79866	1	0	0	0	0	0	0	0
1270	RTA00000419F.l.03.1	79060	1	0	0	0	0	0	0	0
1272	RTA00000118A.a.2.1	38067	2	0	0	0	0	0	0	0
1273	RTA00000410F.m.18.1	76365	1	0	0	0	0	0	0	0
1275	RTA00000406F.c.20.1	38578	2	0	0	0	0	0	0	0
1276	RTA00000413F.b.14.1	66591	1	0	0	0	0	0	0	0
1277	RTA00000406F.c.18.1	14368	2	0	0	0	0	0	0	0
1278	RTA00000418F.j.09.1	76352	1	0	0	0	0	0	0	0
1279	RTA00000419F.f.23.1	65002	1	0	0	0	0	0	0	0
1281	RTA00000411F.a.05.1	76699	1	0	0	0	0	0	0	0
1282	RTA00000419F.m.21.1	77947	1	0	0	0	0	0	0	0
1283	RTA00000405F.n.16.1	21503	2	1	1	0	0	0	0	0
1284	RTA00000422F.o.19.2	13084	3	2	0	0	0	0	0	0
1285	RTA00000408F.n.02.2	76993	1	0	0	0	0	0	0	0
1290	RTA00000119A.g.7.1	83580	1	0	0	0	0	0	0	0
1291	RTA00000411F.i.02.1	66975	1	0	0	0	0	0	0	0
1292	RTA00000408F.l.09.1	75487	1	0	0	0	0	0	0	0
1293	RTA00000423F.g.04.1	23012	2	1	0	0	0	0	0	0
1295	RTA00000418F.i.18.1	78024	1	0	0	0	0	0	0	0
1296	RTA00000411F.h.15.1	65160	1	0	0	0	0	0	0	0
1297	RTA00000410F.i.19.1	78988	1	0	0	0	0	0	0	0
1298	RTA00000419F.k.24.1	75596	1	0	0	0	0	0	0	0
1301	RTA00000409F.i.09.1	75279	1	0	0	0	0	0	0	0
1302	RTA00000419F.h.02.1	63985	1	0	0	0	0	0	0	0
1303	RTA00000413F.b.12.1	64932	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1304	RTA00000121A.h.18.1	16376	4	0	0	0	0	0	0	0
1305	RTA00000411F.n.20.1	75816	1	0	0	0	0	0	0	0
1307	RTA00000411F.n.12.1	73308	1	0	0	0	0	0	0	0
1308	RTA00000408F.j.12.2	18226	1	0	0	0	0	0	0	0
1309	RTA00000409F.i.03.1	75968	1	0	0	0	0	0	0	0
1312	RTA00000409F.j.05.1	74128	1	0	0	0	0	0	0	0
1313	RTA00000419F.m.04.1	74367	1	0	0	0	0	0	0	0
1314	RTA00000418F.k.03.1	78901	1	0	0	0	0	0	0	0
1315	RTA00000419F.d.16.1	64357	1	0	0	0	0	0	0	0
1316	RTA00000420F.e.10.1	65899	1	0	0	0	0	0	0	0
1319	RTA00000418F.k.08.1	18259	1	0	0	0	0	0	0	0
1322	RTA00000410F.c.02.1	75055	1	0	0	0	0	0	0	0
1324	RTA00000403F.h.18.1	39241	2	0	0	0	0	0	0	0
1325	RTA00000405F.n.13.1	23810	2	1	0	0	0	0	0	0
1326	RTA00000355R.e.14.1	16837	2	2	0	0	0	0	0	0
1327	RTA00000422F.l.03.1	39147	2	0	0	0	0	0	0	0
1329	RTA00000403F.o.14.1	38971	2	0	0	0	0	0	0	0
1333	RTA00000127A.f.11.1	81463	1	0	0	0	0	0	0	0
1335	RTA00000403F.o.07.1	39037	2	0	0	0	0	0	0	0
1336	RTA00000403F.d.19.1	39243	2	0	0	0	0	0	0	0
1338	RTA00000406F.i.17.1	37902	2	0	0	0	0	0	0	0
1339	RTA00000418F.d.22.1	75324	1	0	0	0	0	0	0	0
1340	RTA00000340R.o.12.1	53732	1	0	0	0	0	0	0	0
1341	RTA00000125A.g.24.1	80397	1	0	0	0	0	0	0	0
1342	RTA00000130A.o.21.1	80218	1	0	0	0	0	0	0	0
1343	RTA00000420F.a.23.1	42158	1	1	0	0	0	0	0	0
1344	RTA00000411F.m.18.1	75629	1	0	0	0	0	0	0	0
1345	RTA00000407F.b.22.1	37487	2	0	0	0	0	0	0	0
1346	RTA00000409F.a.16.1	73990	1	0	0	0	0	0	0	0
1348	RTA00000341F.k.12.1	62985	1	0	0	0	0	0	0	0
1349	RTA00000129A.c.18.2	37216	2	0	0	0	0	0	0	0
1350	RTA00000410F.d.10.1	77561	1	0	0	0	0	0	0	0
1351	RTA00000351R.i.03.1	6874	6	3	0	0	1	0	0	0
1352	RTA00000135A.l.1.2	39426	2	0	0	0	0	0	0	0
1353	RTA00000420F.b.18.1	66136	1	0	0	0	0	0	0	0
1356	RTA00000403F.o.13.1	39049	2	0	0	0	0	0	0	0
1357	RTA00000411F.f.06.1	64186	1	0	0	0	0	0	0	0
1359	RTA00000351R.c.13.1	11476	6	0	0	0	0	0	0	0
1362	RTA00000420F.d.16.1	64485	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1363	RTA00000404F.i.12.1	39001	2	0	0	0	0	0	0	0
1364	RTA00000404F.o.10.2	16785	2	2	0	0	0	0	0	0
1365	RTA00000419F.d.07.1	21421	1	2	0	0	0	0	0	0
1366	RTA00000404F.p.02.2	39097	2	0	1	0	0	0	0	0
1367	RTA00000125A.k.14.1	79457	1	0	0	0	0	0	0	0
1368	RTA00000122A.j.22.1	81151	1	0	0	0	0	0	0	0
1369	RTA00000406F.i.13.1	37904	2	0	0	0	0	0	0	0
1370	RTA00000135A.b.23.1	35241	2	0	0	0	0	0	0	0
1373	RTA00000423F.l.04.1	14320	2	0	0	0	0	0	0	0
1374	RTA00000420F.b.04.1	63820	1	0	0	0	0	0	0	0
1376	RTA00000408F.i.18.2	74410	1	0	0	0	0	0	0	0
1378	RTA00000341F.j.05.1	36177	2	0	0	0	0	0	0	0
1379	RTA00000420F.a.16.1	63345	1	0	0	0	0	0	0	0
1381	RTA00000410F.j.01.1	73399	1	0	0	0	0	0	0	0
1382	RTA00000408F.p.21.1	77930	1	0	0	0	0	0	0	0
1383	RTA00000412F.d.19.1	75743	1	0	0	0	0	0	0	0
1384	RTA00000352R.c.04.1	71976	1	0	0	0	0	0	0	0
1385	RTA00000413F.f.19.1	65189	1	0	0	0	0	0	0	0
1386	RTA00000411F.e.03.1	73648	1	0	0	0	0	0	0	0
1389	RTA00000418F.c.04.1	41587	1	1	0	0	0	0	0	0
1390	RTA00000418F.o.17.1	79069	1	0	0	0	0	0	0	0
1391	RTA00000418F.e.21.1	74773	1	0	0	0	0	0	0	0
1392	RTA00000419F.d.14.1	64945	1	0	0	0	0	0	0	0
1396	RTA00000410F.j.20.1	73601	1	0	0	0	0	0	0	0
1399	RTA00000119A.j.9.1	82060	1	0	0	0	0	0	0	0
1403	RTA00000340F.i.13.1	79299	1	0	0	0	0	0	0	0
1404	RTA00000412F.g.03.1	64740	1	0	0	0	0	0	0	0
1405	RTA00000122A.g.17.1	32655	1	1	0	0	0	0	0	0
1407	RTA00000419F.n.12.1	66086	1	0	0	0	0	0	0	0
1410	RTA00000351R.p.14.1	13166	2	3	0	0	0	0	0	0
1411	RTA00000403F.e.08.1	19126	3	0	0	0	0	0	0	0
1412	RTA00000124A.k.20.1	80913	1	0	0	0	0	0	0	0
1413	RTA00000121A.n.2.1	33585	1	1	0	0	0	0	0	0
1414	RTA00000422F.m.24.1	39159	2	0	1	0	1	1	2	2
1415	RTA00000408F.e.24.2	75002	1	0	0	0	0	0	0	0
1418	RTA00000403F.b.12.1	78775	1	0	0	0	0	0	0	0
1419	RTA00000404F.a.09.1	38985	2	0	0	0	0	0	0	0
1421	RTA00000403F.o.19.1	78615	1	0	0	0	0	0	0	0
1424	RTA00000410F.b.10.1	74504	1	0	0	0	0	0	0	0

SEQ ID	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
NO:										
1426	RTA00000413F.h.12.1	66929	1	0	0	0	0	0	0	0
1427	RTA00000406F.k.14.1	38651	2	0	0	0	0	0	0	0
1429	RTA00000411F.f.17.1	65661	1	0	0	0	0	0	0	0
1430	RTA00000411F.k.10.1	64506	1	0	0	0	0	0	0	0
1431	RTA00000411F.g.21.1	64500	1	0	0	0	0	0	0	0
1432	RTA00000119A.h.24.1	82266	1	0	0	0	0	0	0	0
1434	RTA00000408F.m.22.2	72949	1	0	0	0	0	0	0	0
1437	RTA00000410F.i.17.1	78147	1	0	0	0	0	0	0	0
1440	RTA00000129A.a.13.2	79780	1	0	0	0	0	0	0	0
1441	RTA00000129A.k.21.1	82067	1	0	0	0	0	0	0	0
1442	RTA00000350R.g.10.1	9026	7	0	0	1	0	0	0	0
1443	RTA00000413F.d.23.1	66030	1	0	0	0	0	0	0	0
1447	RTA00000411F.d.10.1	76445	1	0	0	0	0	0	0	0
1448	RTA00000404F.b.19.1	39281	2	0	0	0	0	0	0	0
1449	RTA00000418F.c.07.1	73245	1	0	0	0	0	0	0	0
1450	RTA00000418F.j.15.1	74855	1	0	0	0	0	1	0	0
1453	RTA00000413F.b.16.1	65126	1	0	0	0	0	0	0	0
1455	RTA00000350R.m.14.1	39171	2	0	0	0	0	0	0	0
1456	RTA00000418F.l.11.1	77158	1	0	0	0	0	0	0	0
1457	RTA00000130A.d.5.1	82051	1	0	0	0	0	0	0	0
1458	RTA00000339F.n.05.1	39648	2	0	0	0	0	0	0	0
1460	RTA00000407F.a.23.1	23489	2	1	0	0	0	0	0	0
1462	RTA00000403F.h.11.1	39219	2	0	0	0	0	0	0	0
1463	RTA00000406F.j.13.1	38688	2	0	0	0	0	0	0	0
1464	RTA00000352R.p.09.1	16915	4	0	0	0	0	0	0	0
1465	RTA00000413F.g.24.1	65481	1	0	0	0	0	0	0	0
1469	RTA00000420F.a.08.1	19473	1	2	0	0	0	0	0	0
1472	RTA00000404F.i.22.1	39082	2	0	0	0	0	0	0	0
1473	RTA00000124A.k.23.1	81350	1	0	0	0	0	0	0	0
1474	RTA00000404F.e.11.1	38991	2	0	0	0	0	0	0	0
1475	RTA00000129A.d.2.4	80119	1	0	0	0	0	0	0	0
1478	RTA00000419F.o.15.1	32487	1	1	0	0	0	0	0	0
1479	RTA00000119A.m.17.1	79536	1	0	0	0	0	0	0	0
1480	RTA00000410F.b.07.1	78916	1	0	0	0	0	0	0	0
1481	RTA00000420F.b.19.1	36873	2	0	0	0	0	0	0	0
1483	RTA00000411F.b.21.1	10051	1	0	0	0	0	0	0	0
1485	RTA00000356R.c.16.1	16915	4	0	0	0	0	0	0	0
1487	RTA00000412F.h.11.1	63175	1	0	0	0	0	0	0	0
1490	RTA00000420F.a.11.1	66460	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1491	RTA00000120A.c.7.1	80985	1	0	0	1	0	0	0	0
1492	RTA00000404F.e.15.1	39101	2	0	0	0	0	0	0	0
1493	RTA00000422F.n.20.1	38676	2	0	0	0	0	0	1	0
1494	RTA00000423F.h.20.1	38639	2	0	0	0	0	0	0	0
1497	RTA00000410F.b.18.1	76701	1	0	0	0	0	0	0	0
1499	RTA00000423F.g.15.1	35173	2	0	0	0	0	0	0	0
1500	RTA00000413F.b.04.1	66427	1	0	0	0	0	0	0	0
1503	RTA00000346F.f.11.1	38528	2	0	0	0	0	0	0	0
1506	RTA00000422F.i.02.1	76436	1	0	0	0	0	0	0	0
1507	RTA00000410F.a.08.1	73324	1	0	0	0	0	0	0	0
1509	RTA00000419F.e.02.1	65010	1	0	0	0	0	0	0	0
1511	RTA00000403F.g.13.1	38718	2	0	0	0	0	0	0	0
1513	RTA00000407F.a.01.1	12501	3	1	0	0	0	0	0	0
1516	RTA00000411F.f.14.1	62984	1	0	0	0	0	0	0	0
1517	RTA00000411F.c.04.1	76858	1	0	0	0	0	0	0	0
1518	RTA00000135A.m.18.1	19255	2	0	0	0	0	0	0	0
1519	RTA00000413F.c.17.1	36831	2	0	0	0	0	0	0	0
1521	RTA00000404F.j.01.1	26859	2	0	0	0	0	0	0	0
1522	RTA00000138A.p.10.1	81625	1	0	0	0	0	0	0	0
1526	RTA00000423F.h.07.1	37933	2	0	0	0	0	0	0	0
1527	RTA00000413F.e.04.1	64176	1	0	0	0	0	0	0	0
1528	RTA00000406F.h.03.1	38585	2	0	0	0	0	0	0	0
1529	RTA00000403F.e.24.1	16432	2	2	0	0	0	0	0	0
1531	RTA00000403F.i.11.1	23535	2	1	0	0	0	0	0	0
1532	RTA00000419F.g.02.1	62839	1	0	0	0	0	0	0	0
1533	RTA00000347F.e.05.1	39814	2	0	0	0	0	0	0	0
1534	RTA00000408F.l.16.1	73468	1	0	0	0	0	0	0	0
1536	RTA00000423F.f.09.1	64823	1	0	0	0	0	0	0	0
1537	RTA00000419F.k.03.1	40822	1	1	0	0	0	0	0	0
1538	RTA00000406F.b.02.1	38744	2	0	0	0	0	0	0	0
1539	RTA00000418F.o.14.1	33524	1	1	0	0	0	0	0	0
1541	RTA00000404F.b.09.1	39166	2	0	0	0	0	0	0	0
1547	RTA00000406F.k.11.1	38715	2	0	0	0	0	0	0	0
1549	RTA00000406F.c.06.1	37924	2	0	0	0	0	0	0	0
1550	RTA00000418F.n.07.1	76316	1	0	0	0	0	0	0	0
1551	RTA00000419F.n.15.1	63484	1	0	0	0	0	0	0	0
1552	RTA00000408F.n.06.2	76642	1	0	0	0	0	0	0	0
1553	RTA00000420F.c.04.1	65007	1	0	0	0	0	0	0	0
1554	RTA00000411F.j.15.1	66871	1	0	0	0	0	0	0	0

SEQ ID	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
NO:										
1556	RTA00000128A.m.23.1	81441	1	0	0	0	0	0	0	0
1557	RTA00000406F.g.03.1	38690	2	0	0	0	0	0	0	0
1558	RTA00000405F.h.05.2	75706	1	0	0	0	0	0	0	0
1559	RTA00000129A.n.24.1	81409	1	0	0	0	0	0	0	0
1562	RTA00000418F.n.11.1	78977	1	0	0	0	0	0	0	0
1565	RTA00000120A.h.9.1	80736	1	0	0	0	0	0	0	0
1566	RTA00000413F.a.12.1	63403	1	0	0	0	0	0	0	0
1567	RTA00000412F.o.05.1	63575	1	0	0	0	0	0	0	0
1571	RTA00000354R.n.04.1	22049	3	0	0	0	0	0	0	0
1573	RTA00000406F.h.05.1	38542	2	0	0	0	0	0	0	0
1574	RTA00000410F.b.24.1	75104	1	0	0	0	0	0	0	0
1575	RTA00000423F.d.11.1	38950	2	0	0	0	0	0	0	0
1578	RTA00000119A.k.1.1	81282	1	0	0	0	0	0	0	0
1579	RTA00000420F.f.07.1	66312	1	0	0	0	0	0	0	0
1580	RTA00000404F.k.22.2	39084	2	0	0	0	0	0	0	0
1581	RTA00000422F.e.07.1	38964	2	0	0	0	0	0	0	0
1582	RTA00000410F.f.12.1	73883	1	0	0	0	0	0	0	0
1584	RTA00000411F.m.11.1	73196	1	0	0	0	0	0	0	0
1587	RTA00000403F.o.10.2	38964	2	0	0	0	0	0	0	0
1590	RTA00000413F.c.10.1	65600	1	0	0	0	0	0	0	0
1591	RTA00000411F.b.17.1	72893	1	0	0	0	0	0	0	0
1593	RTA00000408F.k.19.1	77593	1	0	0	0	0	0	0	0
1596	RTA00000119A.i.8.1	82593	1	0	0	0	0	0	0	0
1598	RTA00000418F.g.03.1	78737	1	0	0	0	0	0	0	0
1599	RTA00000411F.a.09.1	78629	1	0	0	0	0	0	0	0
1601	RTA00000419F.j.11.1	73183	1	0	0	0	0	0	0	0
1603	RTA00000404F.n.18.2	37169	2	0	0	0	0	0	0	0
1604	RTA00000122A.n.16.1	80553	1	0	0	0	0	0	0	0
1605	RTA00000420F.c.07.1	65555	1	0	0	0	0	0	0	0
1608	RTA00000408F.j.13.2	42275	1	1	0	0	0	0	0	0
1610	RTA00000423F.a.01.1	39103	2	0	0	0	0	0	0	0
1613	RTA00000341F.e.20.1	67422	1	0	0	0	0	0	0	0
1614	RTA00000419F.m.22.1	75600	1	0	0	0	0	0	0	0
1615	RTA00000419F.m.23.1	64263	1	0	0	0	0	0	0	0
1616	RTA00000419F.b.06.1	76728	1	0	0	0	0	0	0	0
1618	RTA00000406F.p.08.1	37573	2	0	0	0	0	0	0	2
1619	RTA00000129A.n.17.1	79811	1	0	0	0	0	0	0	0
1621	RTA00000407F.b.08.1	37513	2	0	0	0	0	0	0	0
1623	RTA00000406F.i.08.1	37946	2	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1624	RTA00000403F.h.07.1	26856	2	0	0	0	0	0	0	0
1625	RTA00000418F.n.24.1	73153	1	0	0	0	0	0	0	0
1627	RTA00000409F.l.20.1	74394	1	0	0	0	0	0	0	0
1628	RTA00000418F.l.06.1	73317	1	0	0	0	0	0	0	0
1629	RTA00000346F.o.22.1	7381	2	6	0	0	0	0	0	0
1630	RTA00000129A.k.22.1	79639	1	0	0	0	0	0	0	0
1632	RTA00000418F.m.22.1	74567	1	0	0	0	0	0	0	0
1633	RTA00000413F.c.12.1	65334	1	0	0	0	0	0	0	0
1635	RTA00000418F.g.20.1	74626	1	0	0	0	0	0	0	0
1636	RTA00000413F.d.15.1	64943	1	0	0	0	0	0	0	0
1639	RTA00000412F.c.10.1	76372	1	0	0	0	0	0	0	0
1640	RTA00000122A.j.17.1	62736	1	0	0	0	0	0	0	0
1645	RTA00000418F.j.19.1	78399	1	0	0	0	0	0	0	0
1646	RTA00000137A.p.12.1	80614	1	0	0	0	0	0	0	0
1648	RTA00000418F.p.10.1	75323	1	0	0	0	0	0	0	0
1649	RTA00000408F.k.12.1	77246	1	0	0	0	0	0	0	0
1650	RTA00000137A.j.11.4	79752	1	0	0	0	0	0	0	0
1652	RTA00000419F.n.24.1	65995	1	0	0	0	0	0	0	0
1653	RTA00000418F.l.03.1	79058	1	0	0	0	0	0	0	0
1655	RTA00000419F.m.13.1	79052	1	0	0	0	0	0	0	0
1656	RTA00000418F.j.14.1	32623	1	1	0	0	0	0	0	0
1657	RTA00000403F.a.10.1	73952	1	0	0	0	0	0	0	0
1658	RTA00000420F.a.21.1	66241	1	0	0	0	0	0	0	0
1659	RTA00000127A.e.6.1	5885	4	2	0	0	0	0	0	0
1660	RTA00000405F.g.21.2	38966	2	0	0	0	0	0	0	0
1661	RTA00000405F.g.21.1	38966	2	0	0	0	0	0	0	0
1662	RTA00000419F.m.06.1	75749	1	0	0	0	0	0	0	0
1663	RTA00000423F.g.03.1	38007	2	0	0	0	0	0	0	0
1665	RTA00000418F.f.03.1	78911	1	0	0	0	0	0	0	0
1668	RTA00000120A.c.20.1	43235	1	1	0	0	0	1	0	0
1669	RTA00000138A.m.15.1	41603	1	1	0	0	0	0	0	0
1670	RTA00000408F.f.14.2	73024	1	0	0	0	0	0	0	0
1671	RTA00000418F.p.20.1	78023	1	0	0	0	0	0	0	0
1672	RTA00000423F.e.21.1	66961	1	0	0	0	0	0	0	0
1673	RTA00000419F.j.22.1	73525	1	0	0	0	0	0	0	0
1674	RTA00000410F.d.18.1	75458	1	0	0	0	0	0	0	0
1675	RTA00000403F.b.24.1	78838	1	0	0	0	0	0	0	0
1677	RTA00000410F.e.09.1	76093	1	0	0	0	0	0	0	0
1680	RTA00000353R.h.10.1	39498	2	0	0	0	0	0	0	0

SEQ ID	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
NO:										
1682	RTA00000411F.d.21.1	74794	1	0	0	0	0	0	0	0
1683	RTA00000340F.m.04.1	19406	2	1	0	0	0	0	0	0
1684	RTA00000411F.n.09.1	78962	1	0	0	0	0	0	0	0
1685	RTA00000127A.h.22.2	13155	2	3	0	0	0	0	0	0
1686	RTA00000420F.e.09.1	66325	1	0	0	0	0	0	0	0
1687	RTA00000405F.p.03.1	11346	3	3	0	0	0	0	0	0
1688	RTA00000419F.a.18.1	78484	1	0	0	0	0	0	0	0
1691	RTA00000121A.n.23.1	26981	2	0	0	0	0	0	0	0
1692	RTA00000121A.n.15.1	40849	1	1	0	0	0	0	0	0
1693	RTA00000403F.i.23.1	11364	4	2	0	0	0	0	0	0
1694	RTA00000405F.a.03.1	39065	2	0	0	0	0	0	0	0
1696	RTA00000419F.p.08.1	65560	1	0	0	0	0	0	0	0
1697	RTA00000126A.n.6.2	79917	1	0	0	0	0	0	0	0
1698	RTA00000413F.c.03.1	64527	1	0	0	1	0	0	0	0
1699	RTA00000422F.k.24.1	39118	2	0	0	0	0	0	0	0
1700	RTA00000412F.c.17.1	75620	1	0	0	0	0	0	0	0
1702	RTA00000347F.g.08.1	23121	3	0	0	0	0	0	0	0
1703	RTA00000419F.o.06.1	64643	1	0	0	0	0	0	0	0
1704	RTA00000340R.j.07.1	38954	2	0	0	0	0	0	0	0
1705	RTA00000423F.j.02.1	38617	2	0	0	0	0	0	0	0
1706	RTA00000419F.c.04.1	63749	1	0	0	0	0	0	0	0
1707	RTA00000411F.a.01.1	74524	1	0	0	0	0	0	0	0
1708	RTA00000406F.f.05.1	22961	2	1	0	0	0	0	1	0
1709	RTA00000410F.n.05.1	77830	1	0	0	0	0	0	0	0
1710	RTA00000404F.e.06.1	39315	2	0	0	0	0	0	0	0
1712	RTA00000411F.c.03.1	79280	1	0	0	0	0	0	0	0
1718	RTA00000405F.l.07.1	38636	2	0	0	0	0	0	0	0
1720	RTA00000411F.n.06.1	73886	1	0	0	0	0	0	0	0
1721	RTA00000422F.k.15.1	19253	2	0	0	0	0	0	0	0
1722	RTA00000406F.h.16.1	38618	2	0	0	0	0	0	0	0
1723	RTA00000419F.f.24.1	18717	1	1	0	0	0	0	0	0
1724	RTA00000411F.d.18.1	76063	1	0	0	0	0	0	0	0
1727	RTA00000408F.d.15.1	78467	1	0	0	0	0	0	0	0
1728	RTA00000339F.b.22.1	6867	7	3	0	0	0	0	0	0
1730	RTA00000411F.n.02.1	78049	1	0	0	0	0	0	0	0
1731	RTA00000419F.b.17.1	63261	1	0	0	0	0	0	0	0
1733	RTA00000130A.e.20.1	79502	1	0	0	0	0	0	0	0
1735	RTA00000411F.i.13.1	66138	1	0	0	0	0	0	0	0
1736	RTA00000420F.e.20.1	64762	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1737	RTA00000126A.p.23.2	80915	1	0	0	0	0	0	0	0
1739	RTA00000406F.g.08.1	37963	2	0	0	0	0	0	0	0
1740	RTA00000409F.a.08.1	74978	1	0	0	0	0	0	0	0
1741	RTA00000406F.d.24.1	37997	2	0	0	0	0	0	0	0
1744	RTA00000418F.i.12.1	78971	1	0	0	0	0	0	0	0
1745	RTA00000121A.h.19.1	80334	1	0	0	0	0	0	0	0
1746	RTA00000419F.b.10.1	78566	1	0	0	0	0	0	0	0
1747	RTA00000406F.m.10.1	38004	2	0	0	0	0	0	0	0
1748	RTA00000406F.o.05.1	37894	2	0	0	0	0	0	0	0
1749	RTA00000408F.b.04.2	39933	2	0	0	0	0	0	0	0
1750	RTA00000411F.k.04.1	65407	1	0	0	0	0	0	0	0
1752	RTA00000134A.l.9.1	81814	1	0	0	0	0	0	0	0
1754	RTA00000418F.k.04.1	75864	1	0	0	0	0	0	0	0
1757	RTA00000419F.p.18.1	63002	1	0	0	0	0	0	0	0
1759	RTA00000419F.a.24.1	79290	1	0	0	0	0	0	0	0
1761	RTA00000129A.e.14.1	80053	1	0	0	0	0	0	0	0
1762	RTA00000404F.a.01.1	19251	2	0	0	0	0	0	0	0
1765	RTA00000408F.n.16.2	73720	1	0	0	0	0	0	0	0
1769	RTA00000412F.l.14.1	62792	1	0	0	0	0	0	0	0
1770	RTA00000129A.b.6.2	39111	2	0	0	0	0	0	0	0
1771	RTA00000406F.n.12.1	37517	2	0	0	0	0	0	0	0
1772	RTA00000418F.e.03.1	73442	1	0	0	0	0	0	0	0
1774	RTA00000403F.g.03.1	23537	2	1	0	0	0	0	0	0
1775	RTA00000412F.p.06.1	65485	1	0	0	0	0	0	0	0
1776	RTA00000419F.b.21.1	65366	1	0	0	0	0	0	0	0
1779	RTA00000351R.j.16.1	64773	1	0	0	0	0	0	0	0
1781	RTA00000419F.f.18.1	64047	1	0	0	0	0	0	0	0
1782	RTA00000423F.i.16.1	38604	2	0	0	0	0	0	0	0
1784	RTA00000411F.f.04.1	64526	1	0	0	0	0	0	0	0
1785	RTA00000125A.c.17.1	80619	1	0	0	0	0	0	0	0
1786	RTA00000404F.g.08.1	38980	2	0	0	0	0	0	0	0
1787	RTA00000423F.c.13.1	39059	2	0	0	0	0	0	0	0
1790	RTA00000404F.k.15.1	18225	2	0	0	0	0	0	0	0
1792	RTA00000339F.l.12.1	7711	4	1	0	0	0	0	0	0
1793	RTA00000406F.b.01.1	39006	2	0	0	0	0	0	0	0
1794	RTA00000407F.c.08.1	37549	2	0	0	0	0	0	0	0
1796	RTA00000403F.b.05.1	74300	1	0	0	0	0	0	0	0
1800	RTA00000408F.j.05.2	73878	1	0	0	0	0	0	0	0
1802	RTA00000419F.c.14.1	65727	1	0	0	0	0	0	0	0

SEQ ID	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
NO:										
1806	RTA00000346F.h.24.1	4379	9	2	0	0	0	0	0	0
1807	RTA00000420F.b.02.1	64013	1	0	0	0	0	0	0	0
1808	RTA00000413F.b.24.1	65117	1	0	0	0	0	0	0	0
1809	RTA00000412F.d.08.1	75328	1	0	0	0	0	0	0	0
1811	RTA00000419F.m.18.1	76014	1	0	0	0	0	0	0	0
1812	RTA00000419F.l.24.1	74628	1	0	0	0	0	0	0	0
1813	RTA00000408F.c.06.1	78619	1	0	0	0	0	0	0	0
1814	RTA00000405F.h.21.2	39072	2	0	0	0	0	0	0	0
1816	RTA00000405F.g.05.2	38987	2	0	0	0	0	0	0	0
1817	RTA00000411F.f.20.1	63501	1	0	0	0	0	0	0	0
1819	RTA00000420F.d.19.1	43146	1	1	0	0	0	0	0	0
1820	RTA00000195R.a.06.1	35265	2	0	1	0	0	0	0	0
1821	RTA00000123A.f.2.1	80379	1	0	0	0	0	0	0	0
1822	RTA00000411F.j.11.1	66154	1	0	0	0	0	0	0	0
1827	RTA00000419F.j.03.1	77578	1	0	0	0	0	0	0	0
1829	RTA00000423F.h.11.1	38977	2	0	0	0	0	0	0	0
1830	RTA00000413F.b.17.1	21704	1	2	0	0	0	0	0	0
1833	RTA00000423F.f.03.1	63852	1	0	0	0	0	0	0	0
1834	RTA00000419F.e.10.1	63225	1	0	0	0	0	0	0	0
1836	RTA00000403F.d.02.1	39224	2	0	0	0	0	0	0	0
1838	RTA00000418F.j.20.1	77101	1	0	0	0	0	0	0	0
1846	RTA00000356R.h.05.1	35052	2	0	1	0	0	0	0	0
1848	RTA00000340F.i.15.1	26815	1	0	0	0	0	0	0	0
1850	RTA00000345F.c.12.1	23824	2	1	0	0	0	0	0	0
1852	RTA00000412F.o.03.1	65039	1	0	0	0	0	0	0	0
1853	RTA00000409F.d.16.1	76090	1	0	0	0	0	0	0	0
1856	RTA00000408F.j.17.2	78935	1	0	0	0	0	0	0	0
1857	RTA00000126A.j.15.2	40425	2	0	0	0	0	0	0	0
1861	RTA00000410F.b.17.1	77458	1	0	0	0	0	0	0	0
1862	RTA00000419F.l.22.1	78444	1	0	0	0	0	0	0	0
1864	RTA00000422F.f.22.1	38703	2	0	0	0	0	0	0	0
1867	RTA00000418F.c.05.1	76475	1	0	0	0	0	0	0	0
1868	RTA00000418F.p.21.1	78068	1	0	0	0	0	0	0	0
1870	RTA00000340F.i.08.1	12005	2	1	0	0	0	0	0	0
1871	RTA00000410F.o.04.1	79018	1	0	0	0	0	0	0	0
1872	RTA00000411F.l.16.1	16122	1	3	0	0	0	0	0	0
1873	RTA00000411F.j.03.1	66263	1	0	0	0	0	0	0	0
1874	RTA00000126A.k.24.1	39428	2	0	0	0	0	0	0	0
1876	RTA00000120A.m.10.3	81376	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1877	RTA00000419F.f.16.1	64679	1	0	0	0	0	0	0	0
1878	RTA00000408F.c.23.1	42261	1	1	0	0	0	0	0	0
1881	RTA00000136A.h.6.1	81620	1	0	0	0	0	0	0	0
1886	RTA00000418F.e.20.1	73741	1	0	0	0	0	0	0	0
1888	RTA00000405F.l.03.1	38580	2	0	0	0	0	0	0	0
1889	RTA00000418F.m.02.1	74550	1	0	0	0	0	0	0	0
1891	RTA00000406F.c.05.1	22077	3	0	1	0	0	0	0	0
1893	RTA00000411F.k.21.1	65349	1	0	0	0	0	0	0	0
1897	RTA00000418F.i.06.1	75151	1	0	0	0	0	0	0	0
1898	RTA00000423F.a.03.1	26796	2	0	0	0	0	0	0	0
1900	RTA00000423F.k.21.2	37499	2	0	0	0	0	0	0	0
1902	RTA00000404F.c.18.1	38982	2	0	0	0	0	0	0	0
1905	RTA00000411F.g.24.1	65233	1	0	0	0	0	0	0	0
1907	RTA00000405F.m.07.1	37733	2	0	0	0	0	0	0	0
1908	RTA00000411F.j.07.1	66963	1	0	0	0	0	0	0	0
1910	RTA00000353R.h.04.1	17123	4	0	0	0	0	0	0	0
1911	RTA00000408F.f.10.2	75309	1	0	0	0	0	0	0	0
1913	RTA00000405F.o.03.1	37575	2	0	0	0	0	0	0	0
1914	RTA00000413F.b.18.1	39873	2	0	0	0	0	0	0	0
1920	RTA00000408F.c.08.1	73473	1	0	0	0	0	0	0	0
1922	RTA00000410F.c.06.1	77784	1	0	0	0	1	0	0	0
1924	RTA00000405F.b.08.1	39182	2	0	0	0	0	0	0	0
1925	RTA00000409F.l.24.1	73174	1	0	0	0	0	0	0	0
1926	RTA00000406F.j.06.1	38952	2	0	0	0	0	0	0	0
1927	RTA00000423F.h.03.1	37903	2	0	0	0	0	0	0	0
1929	RTA00000121A.k.22.1	79523	1	0	0	0	0	0	0	0
1931	RTA00000411F.m.06.1	24195	2	1	0	0	0	0	0	0
1932	RTA00000126A.b.9.1	81279	1	0	0	0	0	0	0	0
1935	RTA00000404F.l.05.1	38671	2	0	0	0	0	0	0	0
1941	RTA00000419F.p.10.1	41448	1	1	0	0	0	0	0	0
1942	RTA00000120A.c.19.1	81016	1	0	0	0	0	0	0	0
1948	RTA00000411F.k.14.1	63987	1	0	0	0	0	0	0	0
1949	RTA00000420F.e.05.1	63908	1	0	0	0	0	0	0	0
1952	RTA00000128A.j.10.1	80085	1	0	0	0	0	0	0	0
1953	RTA00000412F.f.10.2	65405	1	0	0	0	0	0	0	0
1955	RTA00000422F.k.17.1	38955	2	0	0	0	0	0	0	0
1957	RTA00000347F.h.10.1	22779	3	0	0	0	0	0	0	0
1959	RTA00000419F.l.02.1	75736	1	0	0	0	0	0	0	0
1961	RTA00000418F.b.20.1	73560	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1964	RTA00000408F.n.05.2	77883	1	0	0	0	0	0	0	0
1965	RTA00000419F.o.09.1	66396	1	0	0	0	0	0	0	0
1970	RTA00000422F.o.08.2	26832	2	0	0	0	0	0	0	0
1973	RTA00000418F.m.18.1	76479	1	0	0	0	0	0	0	0
1974	RTA00000347F.e.20.1	39911	2	0	0	0	0	0	0	0
1975	RTA00000419F.e.23.1	65772	1	0	0	0	0	0	0	0
1982	RTA00000411F.g.05.1	64664	1	0	0	0	0	0	0	0
1983	RTA00000404F.h.10.1	37148	2	0	0	0	0	0	0	0
1984	RTA00000422F.n.14.1	26787	2	0	0	0	0	0	0	0
1986	RTA00000120A.m.13.3	80608	1	0	0	0	0	0	0	0
1987	RTA00000412F.i.03.1	65617	1	0	0	0	0	0	0	0
1988	RTA00000418F.l.02.1	39316	2	0	0	0	0	0	0	0
1990	RTA00000411F.j.04.1	66219	1	0	0	0	0	0	0	0
1995	RTA00000404F.a.18.1	36267	2	0	0	0	0	0	0	0
1996	RTA00000408F.l.14.1	12001	2	3	0	0	0	0	0	0
1997	RTA00000405F.d.10.1	39000	2	0	0	0	0	0	0	0
1999	RTA00000418F.h.23.1	75153	1	0	0	0	0	0	0	0
2001	RTA00000418F.j.11.1	73853	1	0	0	0	0	0	0	0
2002	RTA00000408F.o.13.1	74895	1	0	0	0	0	0	0	0
2003	RTA00000419F.o.07.1	14059	1	0	0	0	0	0	0	0
2004	RTA00000419F.n.17.1	63186	1	0	0	0	0	0	0	0
2005	RTA00000403F.f.15.1	22768	3	0	0	0	0	0	0	0
2006	RTA00000408F.d.03.1	22768	3	0	0	0	0	0	0	0
2008	RTA00000346F.f.02.1	62757	1	0	0	0	0	0	0	0
2010	RTA00000413F.i.21.1	64066	1	0	0	0	0	0	0	0
2012	RTA00000419F.h.21.1	64828	1	0	0	0	0	0	0	0
2021	RTA00000121A.a.2.1	81843	1	0	0	0	0	0	0	0
2022	RTA00000527F.g.13.1	36035	2	0	0	0	0	0	0	0
2025	RTA00000426F.h.11.1	75479	1	0	0	0	0	0	0	0
2030	RTA00000522F.b.22.1	75181	1	0	0	0	0	0	0	0
2033	RTA00000522F.a.23.1	38613	2	0	0	0	0	0	0	0
2035	RTA00000523F.b.02.1	65163	1	0	0	0	0	0	0	0
2036	RTA00000425F.j.14.1	73397	1	0	0	0	0	0	0	0
2039	RTA00000522F.e.16.1	75283	1	0	0	0	0	0	0	0
2042	RTA00000523F.h.17.1	65586	1	0	0	0	0	0	0	0
2044	RTA00000522F.p.07.1	76888	1	0	0	0	0	0	0	0
2045	RTA00000522F.n.08.1	76343	1	0	0	0	0	0	0	0
2046	RTA00000425F.c.06.1	78041	1	0	0	0	0	0	0	0
2047	RTA00000427F.b.23.1	64297	1	0	0	0	0	0	0	0

SEQ ID	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
NO:										
2048	RTA00000527F.p.02.1	36844	2	0	0	0	0	0	0	0
2049	RTA00000427F.d.08.1	63967	1	0	0	0	0	0	0	0
2051	RTA00000426F.m.07.1	63504	1	0	0	0	0	0	0	0
2052	RTA00000427F.c.10.1	65478	1	0	0	0	0	0	0	0
2055	RTA00000424F.m.15.1	73759	1	0	0	0	0	0	0	0
2056	RTA00000426F.f.11.1	63102	1	0	0	0	0	0	0	0
2058	RTA00000426F.f.20.1	65134	1	0	0	0	0	0	0	0
2063	RTA00000527F.i.19.2	38089	2	0	0	0	0	0	0	0
2068	RTA00000523F.e.18.1	62898	1	0	0	0	0	0	0	0
2069	RTA00000527F.k.21.1	36051	2	0	0	0	0	0	0	0
2072	RTA00000522F.n.02.1	74959	1	0	0	0	0	0	0	0
2075	RTA00000425F.f.19.1	32635	1	1	0	0	0	0	0	0
2076	RTA00000528F.e.23.1	19242	3	0	0	0	0	0	0	0
2077	RTA00000522F.n.16.1	26769	1	0	0	0	0	0	0	0
2078	RTA00000427F.c.20.1	26527	1	0	0	0	0	0	0	0
2079	RTA00000527F.k.06.1	12469	3	1	0	0	0	0	0	0
2081	RTA00000523F.i.06.1	66341	1	0	0	0	0	0	0	0
2082	RTA00000427F.f.21.1	36853	2	0	0	0	0	0	0	0
2083	RTA00000427F.j.19.1	41395	1	1	0	0	0	0	0	0
2084	RTA00000522F.b.01.1	75691	1	0	0	0	0	0	0	0
2085	RTA00000424F.i.24.1	79101	1	0	0	0	0	0	0	0
2086	RTA00000523F.c.01.1	65710	1	0	0	0	0	0	0	0
2087	RTA00000427F.b.15.1	66891	1	0	0	0	0	0	0	0
2090	RTA00000522F.j.15.2	76535	1	0	0	0	0	0	0	0
2093	RTA00000426F.f.19.1	66701	1	0	1	0	0	0	0	0
2096	RTA00000523F.i.22.1	64688	1	0	0	0	0	0	0	0
2098	RTA00000425F.i.17.1	43213	1	1	0	0	0	0	0	0
2101	RTA00000425F.p.12.1	73219	1	0	0	0	0	0	0	0
2102	RTA00000427F.j.07.1	64819	1	0	0	0	0	0	0	0
2104	RTA00000527F.i.05.2	37481	2	0	0	0	0	0	0	0
2107	RTA00000523F.k.01.1	41437	1	1	0	0	0	0	0	0
2108	RTA00000425F.j.11.1	76667	1	0	0	0	0	0	0	0
2109	RTA00000424F.b.22.4	72971	1	0	0	0	0	0	0	0
2111	RTA00000525F.a.03.1	36786	2	0	0	0	0	0	0	0
2112	RTA00000527F.i.21.2	37490	2	0	0	0	0	0	0	0
2113	RTA00000424F.a.24.4	73951	1	0	0	0	0	0	0	0
2114	RTA00000522F.k.14.1	74280	1	0	0	0	0	0	0	0
2115	RTA00000522F.n.05.1	73260	1	0	0	0	0	0	0	0
2116	RTA00000523F.c.18.1	66179	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
2117	RTA00000523F.b.13.1	66330	1	0	0	0	0	0	0	0
2119	RTA00000527F.p.16.1	23798	2	1	0	0	0	0	0	0
2120	RTA00000425F.c.20.1	73581	1	0	0	0	0	0	0	0
2121	RTA00000424F.i.21.1	73482	1	0	0	0	0	0	0	0
2122	RTA00000523F.j.19.1	65910	1	0	0	0	0	0	0	0
2124	RTA00000424F.b.22.1	72971	1	0	0	0	0	0	0	0
2125	RTA00000527F.b.18.1	37469	2	0	0	0	0	0	0	0
2129	RTA00000525F.e.16.1	36837	2	0	0	0	0	0	0	0
2131	RTA00000522F.d.08.1	74284	1	0	0	0	0	0	0	0
2134	RTA00000527F.g.07.1	37488	2	0	0	0	0	0	0	0
2136	RTA00000525F.b.05.1	21116	2	1	0	0	0	0	0	0
2137	RTA00000425F.n.05.1	73965	1	0	0	0	0	0	0	0
2138	RTA00000523F.d.18.1	64072	1	0	0	0	0	0	0	0
2139	RTA00000525F.a.02.1	37454	2	0	0	0	0	0	0	0
2141	RTA00000426F.h.09.1	78797	1	0	0	0	0	0	0	0
2144	RTA00000427F.g.05.1	63138	1	0	0	0	0	0	0	0
2145	RTA00000424F.m.12.1	77675	1	0	0	0	0	0	0	0
2151	RTA00000427F.h.12.1	36894	2	0	0	0	0	0	0	0
2152	RTA00000523F.c.15.1	36935	2	0	0	0	0	0	0	0
2153	RTA00000427F.k.17.1	64965	1	0	0	0	0	0	0	0
2155	RTA00000424F.c.14.3	76614	1	0	0	0	0	0	0	0
2156	RTA00000522F.k.10.2	77619	1	0	0	0	0	0	0	0
2157	RTA00000424F.m.22.1	72943	1	0	0	0	0	0	0	0
2158	RTA00000527F.h.17.1	37799	2	0	0	0	0	0	0	0
2159	RTA00000527F.c.22.1	37496	2	0	0	0	0	0	0	0
2160	RTA00000425F.k.22.1	78123	1	0	0	0	0	0	0	0
2161	RTA00000424F.m.14.1	77491	1	0	0	0	0	0	0	0
2162	RTA00000522F.k.19.1	32625	1	1	0	0	0	0	0	0
2163	RTA00000523F.i.18.1	64463	1	0	0	0	0	0	0	0
2164	RTA00000425F.j.22.1	73882	1	0	0	0	0	0	0	0
2165	RTA00000527F.g.23.1	37538	2	0	0	0	0	0	0	0
2166	RTA00000426F.m.24.1	63943	1	0	0	0	0	0	0	0
2168	RTA00000425F.d.21.1	78920	1	0	0	0	0	0	0	0
2170	RTA00000424F.d.04.3	76505	1	0	0	0	0	0	0	0
2171	RTA00000424F.d.04.1	76505	1	0	0	0	0	0	0	0
2172	RTA00000427F.c.12.1	66995	1	0	0	0	0	0	0	0
2174	RTA00000527F.l.13.1	36904	2	0	0	0	0	0	0	0
2175	RTA00000522F.h.13.1	40823	1	1	0	0	0	0	0	0
2176	RTA00000424F.l.19.1	75454	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
2179	RTA00000427F.a.06.1	66550	1	0	0	0	0	0	0	0
2180	RTA00000525F.c.19.1	38159	2	0	0	0	0	0	0	0
2181	RTA00000523F.f.06.1	62871	1	0	0	0	0	0	0	0
2182	RTA00000424F.h.10.1	72925	1	0	0	0	0	0	0	0
2183	RTA00000522F.a.12.1	33515	1	1	0	0	0	0	0	0
2184	RTA00000522F.h.01.1	75010	1	0	0	0	0	0	0	0
2186	RTA00000425F.e.21.1	77203	1	0	0	0	0	0	0	0
2187	RTA00000523F.f.07.1	62799	1	0	0	0	0	0	0	0
2189	RTA00000424F.j.12.1	73827	1	0	0	0	0	0	0	0
2191	RTA00000523F.d.12.1	64888	1	0	0	0	0	0	0	0
2192	RTA00000523F.e.10.1	62878	1	0	0	0	0	0	0	0
2193	RTA00000425F.f.11.1	79275	1	0	0	0	0	0	0	0
2194	RTA00000426F.m.18.1	62974	1	0	0	0	0	0	0	0
2197	RTA00000522F.g.15.1	76536	1	0	0	0	0	0	0	0
2198	RTA00000522F.n.12.1	74117	1	0	0	0	0	0	0	0
2200	RTA00000424F.d.10.3	73110	1	0	0	0	0	0	0	0
2204	RTA00000527F.c.04.1	23090	3	0	0	0	0	0	0	0
2206	RTA00000527F.h.21.1	37630	2	0	0	0	0	0	0	0
2207	RTA00000425F.c.07.1	76042	1	0	0	0	0	0	0	0
2209	RTA00000525F.c.15.1	7692	2	0	0	0	0	0	0	0
2210	RTA00000424F.d.22.3	76189	1	0	0	0	0	0	0	0
2211	RTA00000523F.h.12.1	65745	1	0	0	0	0	0	0	0
2212	RTA00000522F.g.22.1	77504	1	0	0	0	0	0	0	0
2215	RTA00000522F.j.12.2	74341	1	0	0	0	0	0	0	0
2216	RTA00000523F.i.08.1	65099	1	0	0	0	0	0	0	0
2218	RTA00000425F.j.20.1	26760	1	0	0	0	0	0	0	0
2220	RTA00000427F.f.24.1	64572	1	0	0	0	0	0	0	0
2221	RTA00000527F.a.13.1	37740	2	0	0	0	0	0	0	0
2225	RTA00000424F.a.09.4	77833	1	0	0	0	0	0	0	0
2227	RTA00000525F.f.07.1	37500	2	0	0	0	0	0	0	0
2228	RTA00000424F.j.07.1	79211	1	0	0	0	0	0	0	0
2229	RTA00000424F.m.10.1	34251	1	1	0	0	0	0	0	0
2231	RTA00000522F.g.06.1	78221	1	0	0	0	0	0	0	0
2232	RTA00000424F.h.03.1	74447	1	0	0	0	0	0	0	0
2233	RTA00000424F.n.06.1	74737	1	0	0	0	0	0	0	0
2234	RTA00000427F.c.22.1	63990	1	0	0	0	0	0	0	0
2235	RTA00000424F.k.12.1	77666	1	0	0	0	0	0	0	0
2236	RTA00000425F.f.02.1	76982	1	0	0	0	0	0	0	0
2237	RTA00000427F.h.11.1	26494	1	0	0	0	0	0	0	0

SEQ ID	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
NO:										
2238	RTA00000425F.j.16.1	75631	1	0	0	0	0	0	0	0
2240	RTA00000427F.f.17.1	63803	1	0	0	0	0	0	0	0
2241	RTA00000522F.o.18.1	76366	1	0	0	0	0	0	0	0
2242	RTA00000427F.j.22.1	66367	1	0	0	0	0	0	0	0
2243	RTA00000426F.p.10.1	65845	1	0	0	0	0	0	0	0
2244	RTA00000522F.m.02.1	76834	1	0	0	0	0	0	0	0
2247	RTA00000425F.e.15.1	75921	1	0	0	0	0	0	0	0
2250	RTA00000424F.n.13.1	74942	1	0	0	0	0	0	0	0
2251	RTA00000424F.g.14.1	74879	1	0	0	0	0	0	0	0
2252	RTA00000426F.e.17.1	64089	1	0	0	0	0	0	0	0
2256	RTA00000427F.g.19.1	64611	1	0	0	0	0	0	0	0
2258	RTA00000522F.c.01.1	74938	1	0	0	0	0	0	0	0
2259	RTA00000522F.g.17.1	76486	1	0	0	0	0	0	0	0
2260	RTA00000523F.j.17.1	63610	1	0	0	0	0	0	0	0
2261	RTA00000522F.n.14.1	73410	1	0	0	0	0	0	1	0
2263	RTA00000523F.e.20.1	65164	1	0	0	0	0	0	0	0
2264	RTA00000424F.c.15.3	73533	1	0	0	0	0	0	0	0
2265	RTA00000426F.p.09.1	66665	1	0	0	0	0	0	0	0
2266	RTA00000522F.p.09.1	75204	1	0	0	0	0	0	0	0
2267	RTA00000426F.m.21.1	64915	1	0	0	0	0	0	0	0
2268	RTA00000425F.j.21.1	77373	1	0	0	0	0	0	0	0
2270	RTA00000523F.h.21.1	41440	1	1	0	0	0	0	0	0
2271	RTA00000427F.h.24.1	65193	1	0	0	0	0	0	0	0
2272	RTA00000425F.f.24.1	40841	1	1	0	0	0	0	0	0
2273	RTA00000425F.m.03.1	76045	1	0	0	0	0	0	0	0
2274	RTA00000426F.m.08.1	63781	1	0	0	0	0	0	0	0
2275	RTA00000523F.d.24.1	64799	1	0	0	0	0	0	0	0
2276	RTA00000523F.c.14.1	66015	1	0	0	0	0	0	0	0
2277	RTA00000523F.b.20.1	66492	1	0	0	0	0	0	0	0
2278	RTA00000522F.h.07.1	75149	1	0	0	0	0	0	0	0
2279	RTA00000527F.g.10.1	37820	2	0	0	0	0	0	0	0
2282	RTA00000427F.i.22.1	63199	1	0	0	0	0	0	0	0
2284	RTA00000527F.n.07.1	15939	2	2	0	0	0	0	0	0
2285	RTA00000425F.e.09.1	75550	1	0	0	0	0	0	0	0
2286	RTA00000427F.h.02.1	63652	1	0	0	0	0	0	0	0
2287	RTA00000426F.f.16.1	65613	1	0	0	0	0	0	0	0
2288	RTA00000425F.i.21.1	75305	1	0	0	0	0	0	0	0
2289	RTA00000427F.k.19.1	62851	1	0	0	0	0	0	0	0
2291	RTA00000426F.g.16.1	41446	1	1	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
2292	RTA00000527F.l.05.1	13016	4	0	0	1	1	0	0	0
2293	RTA00000426F.m.02.1	66237	1	0	0	0	0	0	0	0
2296	RTA00000522F.l.22.1	75801	1	0	0	0	0	0	0	0
2297	RTA00000427F.h.19.1	63047	1	0	0	0	0	0	0	0
2299	RTA00000522F.g.21.1	77310	1	0	0	0	0	0	0	0
2301	RTA00000522F.g.20.1	77688	1	0	0	0	0	0	0	0
2304	RTA00000425F.k.20.1	74048	1	0	0	0	0	0	0	0
2306	RTA00000522F.b.07.1	78634	1	0	0	0	0	0	0	0
2307	RTA00000426F.g.19.1	63672	1	0	0	0	0	0	0	0
2308	RTA00000525F.d.19.1	36860	2	0	0	0	0	0	0	0
2310	RTA00000427F.d.10.1	40685	1	1	0	0	0	0	0	0
2313	RTA00000424F.a.05.4	77976	1	0	0	0	0	0	0	0
2315	RTA00000424F.a.05.1	77976	1	0	0	0	0	0	0	0
2316	RTA00000522F.l.15.1	74691	1	0	0	0	0	0	0	0
2317	RTA00000425F.e.02.1	76143	1	0	0	0	0	0	0	0
2318	RTA00000525F.c.11.1	37895	2	0	0	0	0	0	0	0
2320	RTA00000522F.c.14.1	75449	1	0	0	0	0	0	0	0
2321	RTA00000424F.m.08.1	19402	1	2	0	0	0	0	0	0
2322	RTA00000527F.f.18.1	37577	2	0	0	0	0	0	0	0
2324	RTA00000522F.a.06.1	73662	1	0	0	0	0	0	0	0
2327	RTA00000522F.d.23.1	73868	1	0	0	0	0	0	0	0
2330	RTA00000523F.j.10.1	63384	1	0	0	0	0	0	0	0
2331	RTA00000527F.p.08.1	36013	2	0	0	0	0	0	0	0
2333	RTA00000426F.f.17.1	66334	1	0	0	0	0	0	0	0
2334	RTA00000523F.j.21.1	36925	2	0	0	0	0	0	0	0
2339	RTA00000523F.a.01.1	74923	1	0	0	0	0	0	0	0
2341	RTA00000427F.j.06.1	63676	1	0	0	0	0	0	0	0
2342	RTA00000424F.m.04.1	79017	1	0	0	0	0	0	0	0
2343	RTA00000523F.i.17.1	65779	1	0	0	0	0	0	0	0
2346	RTA00000525F.c.18.1	24208	2	1	0	0	0	0	0	0
2347	RTA00000527F.e.09.1	37521	2	0	0	0	0	0	0	0
2348	RTA00000424F.j.08.1	73972	1	0	0	0	0	0	0	0
2350	RTA00000527F.c.09.1	64859	1	0	0	0	0	0	0	0
2353	RTA00000523F.c.03.1	36913	2	0	0	0	0	0	0	0
2354	RTA00000427F.k.21.1	62880	1	0	0	0	0	0	0	0
2356	RTA00000427F.d.09.1	66486	1	0	0	0	0	0	0	0
2357	RTA00000426F.n.17.1	66572	1	0	0	0	0	0	0	0
2360	RTA00000426F.m.03.1	66480	1	0	0	0	0	0	0	0
2361	RTA00000424F.h.06.1	77552	1	0	0	0	0	0	0	0

SEQ ID	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
NO:										
2362	RTA00000425F.d.06.1	77660	1	0	0	0	0	0	0	0
2363	RTA00000427F.e.12.1	62813	1	0	0	0	0	0	0	0
2366	RTA00000426F.n.23.1	18176	1	0	0	0	0	0	0	0
2367	RTA00000522F.m.19.1	41544	1	1	0	0	0	0	0	0
2368	RTA00000522F.a.05.1	32611	1	1	0	0	0	0	0	0
2369	RTA00000427F.i.09.1	65916	1	0	0	0	0	0	0	0
2370	RTA00000424F.j.09.1	74387	1	0	0	0	0	0	0	0
2371	RTA00000424F.n.11.1	73874	1	0	0	0	0	0	0	0
2373	RTA00000527F.e.13.1	37588	2	0	0	0	0	0	0	0
2375	RTA00000425F.j.19.1	77925	1	0	0	0	0	0	0	0
2376	RTA00000522F.g.12.1	78783	1	0	0	0	0	0	0	0
2377	RTA00000523F.a.07.1	75804	1	0	0	0	0	0	0	0
2378	RTA00000425F.e.19.1	73409	1	0	0	0	0	0	0	0
2379	RTA00000425F.n.19.1	78324	1	0	0	0	0	0	0	0
2384	RTA00000427F.k.07.1	63742	1	0	0	0	0	0	0	0
2387	RTA00000522F.a.17.1	79032	1	0	0	0	0	0	0	0
2388	RTA00000527F.l.19.1	36856	2	0	0	0	0	0	0	0
2389	RTA00000424F.i.11.1	41569	1	1	0	0	0	0	0	0
2391	RTA00000424F.d.19.3	73180	1	0	0	0	0	0	0	0
2392	RTA00000522F.j.09.2	78522	1	0	0	0	0	0	0	0
2393	RTA00000424F.m.24.1	77045	1	0	0	0	0	0	0	0
2394	RTA00000522F.j.19.2	76224	1	0	0	0	0	0	0	0
2398	RTA00000527F.j.12.2	37503	2	0	0	0	0	0	0	0
2399	RTA00000522F.g.11.1	75432	1	0	0	0	0	0	0	0
2400	RTA00000522F.k.02.2	77622	1	0	0	0	0	0	0	0
2401	RTA00000427F.e.13.1	66080	1	0	0	0	0	0	0	0
2402	RTA00000426F.f.18.1	63271	1	0	0	0	0	0	0	0
2403	RTA00000427F.a.12.1	63377	1	0	0	0	0	0	0	0
2404	RTA00000424F.b.23.4	77322	1	0	0	0	0	0	0	0
2408	RTA00000427F.f.02.1	36822	2	0	0	0	0	0	0	0
2410	RTA00000424F.i.15.1	78043	1	0	0	0	0	0	0	0
2412	RTA00000522F.m.03.1	79194	1	0	0	0	0	0	0	0
2413	RTA00000522F.a.20.1	74070	1	0	0	0	0	0	0	0
2414	RTA00000424F.b.15.4	74958	1	0	0	0	0	0	0	0
2415	RTA00000527F.g.14.1	37532	2	0	0	0	0	0	0	0
2416	RTA00000522F.d.06.1	74809	1	0	0	0	0	0	0	0
2418	RTA00000427F.e.10.1	64599	1	0	0	0	0	0	0	0
2419	RTA00000527F.c.16.1	22908	3	0	0	0	0	0	0	0
2421	RTA00000523F.f.17.1	63984	1	0	0	0	0	0	0	0

SEQ ID	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
NO:										
2423	RTA00000527F.p.24.1	36832	2	0	0	0	0	0	0	0
2424	RTA00000425F.n.17.1	78304	1	0	0	0	0	0	0	0
2426	RTA00000425F.e.07.1	75992	1	0	0	0	0	0	0	0
2428	RTA00000523F.h.08.1	62893	1	0	0	0	0	0	0	0
2429	RTA00000522F.o.10.1	78798	1	0	0	0	0	0	0	0
2430	RTA00000425F.l.10.1	26893	1	0	0	0	0	0	0	0
2431	RTA00000427F.f.16.1	64122	1	0	0	0	0	0	0	0
2434	RTA00000425F.i.10.1	78736	1	0	0	0	0	0	0	0
2435	RTA00000426F.m.12.1	63740	1	0	0	0	0	0	0	0
2436	RTA00000527F.g.12.1	37746	2	0	0	0	0	0	0	0
2439	RTA00000425F.i.18.1	42255	1	1	0	0	0	0	0	0
2441	RTA00000424F.j.13.1	74485	1	0	0	0	0	0	0	0
2445	RTA00000424F.k.10.1	73232	1	0	0	0	0	0	0	0
2446	RTA00000522F.i.07.2	78377	1	0	0	0	0	0	0	0
2448	RTA00000522F.b.08.1	26915	1	0	0	0	0	0	0	0
2449	RTA00000522F.l.08.1	78781	1	0	0	0	0	0	0	0
2450	RTA00000525F.a.14.1	37566	2	0	0	0	0	0	0	0
2451	RTA00000424F.g.08.1	74928	1	0	0	0	0	0	0	0
2452	RTA00000425F.l.09.1	75251	1	0	0	0	0	0	0	0
2453	RTA00000522F.o.20.1	74853	1	0	0	0	0	0	0	0
2454	RTA00000527F.j.04.2	11809	3	1	0	0	0	0	0	0
2456	RTA00000523F.c.13.1	40668	1	1	0	0	0	0	0	0
2457	RTA00000427F.i.21.1	65540	1	0	0	0	0	0	0	0
2459	RTA00000522F.h.02.1	74947	1	0	0	0	0	0	0	0
2460	RTA00000522F.g.10.1	74294	1	0	0	0	0	0	0	0
2464	RTA00000425F.k.16.1	75282	1	0	0	0	0	0	0	0
2465	RTA00000525F.b.09.1	23472	2	1	0	0	0	0	0	0
2466	RTA00000522F.j.08.2	76613	1	0	0	0	0	0	0	0
2468	RTA00000523F.f.19.1	34169	1	1	0	0	0	0	0	0
2469	RTA00000425F.j.18.1	75561	1	0	0	0	0	1	0	0
2470	RTA00000426F.m.04.1	36865	2	0	0	0	0	0	0	0
2471	RTA00000527F.g.21.1	36028	2	0	0	0	0	0	0	0
2473	RTA00000525F.a.22.1	36848	2	0	0	0	0	0	0	0
2474	RTA00000522F.p.22.1	73322	1	0	0	0	0	0	0	0
2475	RTA00000424F.d.12.2	74342	1	0	0	0	0	0	0	0
2476	RTA00000424F.g.24.1	79156	1	0	0	0	0	0	0	0
2477	RTA00000427F.a.10.1	65370	1	0	0	0	0	0	0	0
2478	RTA00000426F.h.20.1	23187	3	0	0	0	0	0	0	0
2479	RTA00000424F.d.12.3	74342	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
2480	RTA00000425F.c.03.1	74643	1	0	0	0	0	0	0	0
2481	RTA00000523F.f.16.1	26522	1	0	0	0	0	0	0	0
2482	RTA00000427F.f.15.1	66734	1	0	0	0	0	0	0	0
2485	RTA00000522F.p.18.1	76376	1	0	0	0	0	0	0	0
2493	RTA00000522F.g.18.1	73226	1	0	0	0	0	0	0	0
2495	RTA00000522F.h.05.1	73358	1	0	0	0	0	0	0	0
2497	RTA00000425F.n.16.1	18265	1	0	0	0	0	0	0	0
2498	RTA00000527F.l.21.1	36439	2	0	0	0	0	0	0	0
2501	RTA00000424F.d.17.3	73958	1	0	0	0	0	0	0	0
2502	RTA00000523F.j.02.1	62853	1	0	0	0	0	0	0	0

Table 21. Clones Deposited on January 22, 1999

cDNA Library Ref No.	cDNA ES17	cDNA ES18	cDNA ES19
ATCC Accession No.	ATCC No.	ATCC No.	ATCC No.
Clone Names in Library	M00001368A:D07	M00001594A:D06	M00003906A:F04
	M00003917A:D02	M00001613D:H10	M00003908A:F12
	M00001673A:A04	M00001596D:E10	M00003914A:G09
	M00003868B:G11	M00001592C:G04	M00003915C:H04
	M00003917C:D03	M00001599D:A09	M00003905D:B08
	M00003791C:E09	M00001619B:A09	M00003908C:G09
	M00003870A:C05	M00001593B:E11	M00003914B:A11
	M00003922A:D02	M00001605A:E06	M00003916C:C05
	M00003861C:H02	M00001608A:D03	M00003959A:A03
	M00003931B:A11	M00001616C:A02	M00003905D:C08
	M00001679D:B05	M00001617A:D06	M00003908D:D12
	M00001679C:D05	M00001595C:E01	M00003901B:H04
	M00001687A:G01	M00001616C:A11	M00004031A:E01
	M00003945A:E09	M00001608C:E11	M00004029C:C12
	M00003908A:H09	M00001610C:E06	M00003911A:F10
	M00001649B:G12	M00001612B:D11	M00003914C:F09
	M00003813D:H12	M00001618B:E05	M00003963D:B05
	M00004087C:D03	M00001621C:C10	M00003986C:E09
	M00004269B:C08	M00001647A:H08	M00004031A:F07
	M00004348A:A02	M00001631D:B10	M00003907C:C02
	M00001679C:D01	M00001608D:E09	M00003911B:F08
	M00001490A:E11	M00001641B:C10	M00003914C:H05
	M00001387A:E10	M00001641D:E02	M00003918C:C12
	M00001397B:G03	M00001630D:H10	M00003914C:C02
	M00001441D:E04	M00001585C:D10	M00003914A:E04
	M00001352C:G09	M00001560A:H10	M00003903B:D03
	M00001370D:A12	M00001573B:C06	M00003905A:F09
	M00001387B:A06	M00001660C:D11	M00003867C:E11
	M00001397C:A10	M00001641C:C05	M00003870B:B08
	M00001536D:G02	M00001578B:B05	M00003879D:A08
	M00003895C:A10	M00001587C:C10	M00003891D:B10
	M00001464B:B03	M00001590B:C07	M00003901C:A08
	M00004370A:G05	M00001554A:E04	M00003903C:C04
	M00001490B:H11	M00001570C:G06	M00003905A:F10
	M00001530B:D10	M00001576A:B09	M00003906C:D06
	M00001579C:E09	M00001582A:H01	M00003907D:A12
	M00001587A:H03	M00001582B:E12	M00003905C:G11
	M00001457C:H12	M00001615B:F07	M00003914D:D10
	M00001535C:E01	M00001571C:A04	M00003972A:G09
	M00001561D:C05	M00001573D:D10	M00003975D:C06
	M00001589A:C01	M00001576A:F11	M00003905C:B02
	M00001664D:G07	M00001579C:G05	M00003907D:F11
	M00001565A:H09	M00001582D:A02	M00003914A:G06
	M00001381C:B08	M00001589B:E07	M00003914D:E03
	M00001395C:F11	M00001575B:B02	M00003972C:F08
	M00001429D:F11	M00001578C:G06	M00003976C:D06
	M00001449A:F01	M00001591A:B08	M00003907C:C04
	M00001391C:H02	M00001607A:F11	M00003905B:C06
	M00001429D:H12	M00001579C:E06	M00004088C:A12
	M00001450A:G11	M00001661C:F11	M00004103C:D04
	M00001344B:F12	M00001650B:C10	M00004107A:D01

cDNA Library Ref No. ATCC Accession No.	cDNA ES17 ATCC No.	cDNA ES18 ATCC No.	cDNA ES19 ATCC No.
	M00001391D:C06	M00001654C:E04	M00004110A:E04
	M00003971A:A06	M00001656B:A08	M00004062A:H06
	M00001346A:E04	M00001662C:B02	M00004075D:C10
	M00001455C:G07	M00001656B:D05	M00004081D:H09
	M00001402D:F02	M00001661C:F10	M00004089A:B08
	M00001438D:C06	M00001663A:C11	M00004103D:F10
	M00001349B:G05	M00001669A:C10	M00004107B:B04
	M00001389C:A08	M00001651B:B12	M00004032C:B02
	M00001439B:A10	M00001653B:E06	M00004078C:F04
	M00001455B:A09	M00001659C:F02	M00004038B:H10
	M00001441B:D11	M00001661B:F03	M00004089A:E02
	M00001453A:B01	M00001663C:F10	M00004096B:F05
	M00001456D:E08	M00001669A:G12	M00004104C:H12
	M00001399A:C03	M00001674D:C10	M00004110D:A10
	M00004496C:H03	M00001651B:E06	M00004036D:F02
	M00004135D:G02	M00001651C:C05	M00004088C:E04
	M00004692A:E07	M00001657C:C07	M00004104D:A04
	M00004374D:E10	M00001662A:C12	M00004107D:E12
	M00004405D:C04	M00001663D:C06	M00004115D:D08
	M00004312B:H07	M00001590B:C05	M00003846A:D03
	M00003976C:A10	M00001483C:G06	M00004072C:F08
	M00004043A:D02	M00001653A:G07	M00004039B:G08
	M00004081C:H06	M00001625B:C10	M00003986D:D02
	M00004050D:A06	M00001626C:D12	M00003914A:B07
	M00001361B:C07	M00001634D:D02	M00003914D:B02
	M00004341B:G03	M00001641C:C06	M00003971B:B07
	M00001342B:E01	M00001642D:F02	M00003978C:A03
	M00004064D:A11	M00001647B:E04	M00003983B:C08
	M00004087A:G08	M00001632B:E05	M00004033D:D07
	M00004344B:H04	M00001639A:C11	M00004072D:H12
	M00004497A:H03	M00001642D:G10	M00004077B:H11
	M00001338C:E10	M00001624A:G11	M00004080A:F01
	M00001366D:E12	M00001626C:G08	M00004092C:B03
	M00001390D:E03	M00001672D:D04	M00004037B:C04
	M00001413B:H09	M00001639A:H06	M00004073C:D04
	M00004271B:B06	M00001662C:A04	M00004081A:A08
	M00004151D:E03	M00001641B:B01	M00004085B:B05
	M00001660B:C04	M00001673C:A02	M00004090C:C07
	M00003802D:B11	M00001650A:A12	M00004086D:B09
	M00001579C:E08	M00001659D:D03	M00004088D:B03
	M00001557D:C08	M00001661B:B05	M00004090C:C10
	M00003779B:E12	M00001671D:E10	M00004102C:D09
	M00001638A:D10	M00001652D:A06	M00004105C:E09
	M00003794A:B03	M00001654C:D05	M00004035A:G10
	M00001616C:F07	M00001656A:B07	M00003906A:H07
	M00001679A:F01	M00001647B:C09	M00004083B:G03
	M00001604C:E09	M00001635A:C06	M00001675B:E02
	M00001653B:E09	M00001482D:A04	M00003793C:D09
	M00001585A:F07	M00001485C:B10	M00003762B:H09
	M00003811D:A12	M00001457D:A07	M00001694C:F12
	M00001653C:F12	M00001461A:E05	M00001678D:C11
	M00001679D:F06	M00001477A:G07	M00001677D:B07

cDNA Library Ref No. ATCC Accession No.	cDNA ES17 ATCC No.	cDNA ES18 ATCC No.	cDNA ES19 ATCC No.
	M00003751D:B02	M00001479D:H03	M00001677B:A02
	M00003801A:B10	M00001482C:D02	M00001675B:H03
	M00003844C:A08	M00001484D:G05	M00003808D:D04
	M00001636C:C01	M00001459B:D03	M00003752B:C02
	M00001669C:B01	M00001464B:C11	M00003819D:B11
	M00003755A:A09	M00001511A:A05	M00001677D:B02
	M00003798D:H08	M00001477B:C02	M00001694C:G04
	M00001444C:D05	M00001471A:D04	M00003789C:F06
	M00004040B:F10	M00001485C:H10	M00001678C:C06
	M00001355A:C12	M00001485D:E05	M00001675B:D02
	M00001401A:H07	M00001487C:G03	M00003750C:H05
	M00001393B:B09	M00001514A:B04	M00001694A:B12
	M00001409D:F11	M00001530C:G10	M00001677B:H06
	M00001387B:H07	M00001534A:G06	M00001675C:G01
	M00001394C:C11	M00001539A:C12	M00001675B:C01
	M00001344A:H07	M00001547A:F11	M00003857B:F07
	M00001490C:D07	M00001550D:A04	M00003812B:D07
	M00001352C:F06	M00001460A:F07	M00001694B:B08
	M00001476D:G03	M00001472C:A01	M00001677B:E06
	M00001399C:D09	M00001481B:A07	M00004037A:E04
	M00001347C:G08	M00001456D:F05	M00003870A:H01
	M00001453D:G12	M00001456D:G11	M00003842C:D11
	M00001382A:F04	M00001477D:F10	M00003828B:F09
	M00001392D:H04	M00001481A:G06	M00003856C:H09
	M00001429C:G12	M00001464A:B03	M00003851A:C10
	M00001454A:C11	M00001469A:G11	M00003841C:E04
	M00001517B:G08	M00001478B:D07	M00003837C:G08
	M00001535A:D02	M00001473A:C11	M00003828B:E07
	M00001352A:E12	M00001457A:G03	M00003772C:B12
	M00001381B:F06	M00001669B:G02	M00001677D:F03
	M00004117A:D11	M00001479D:G06	M00001678B:B12
	M00004217C:D03	M00001473D:B11	M00001678D:G03
	M00004270A:F11	M00001475A:A12	M00001675C:F01
	M00003996A:A06	M00001460A:G07	M00003809A:H04
	M00004056B:D09	M00001464A:D03	M00003771D:G05
	M00004142A:B12	M00001473D:G01	M00001678A:F05
	M00001396D:B03	M00001476D:C05	M00001677B:B06
	M00001370D:E12	M00001484A:A10	M00003794A:E12
	M00001390C:C11	M00001457C:F02	M00003771B:E05
	M00003989A:H11	M00001459B:A12	M00001678A:A11
	M00001426A:A09	M00001464A:E07	M00003805B:C04
	M00004498D:D05	M00001467A:B03	M00001680B:E10
	M00001391B:G12	M00001514A:B08	M00001679B:H07
	M00001391D:D10	M00001464A:B07	M00003904D:B12
	M00001376B:A02	M00001579A:C03	M00003856C:B08
	M00001405B:D07	M00001517A:G08	M00003858D:G06
	M00001368A:A03	M00001530B:G09	M00003870B:F04
	M00001392D:B11	M00001538A:F12	M00003871C:B05
	M00003900D:B10	M00001540C:B03	M00003875A:C04
	M00001494B:C01	M00001547A:F06	M00003901B:A09
	M00001352C:A05	M00001550A:F07	M00003901C:D03
	M00001408B:G06	M00001567B:G11	M00003904C:B06

cDNA Library Ref No. ATCC Accession No.	cDNA ES17 ATCC No.	cDNA ES18 ATCC No.	cDNA ES19 ATCC No.
	M00004252C:E03	M00001572A:A10	M00003901C:F09
	M00003901C:A03	M00001575B:G01	M00003904D:B10
	M00004071D:A10	M00001487D:C11	M00003850D:H11
	M00001377B:H01	M00001577B:A03	M00003902B:D06
	M00003939A:A02	M00001539D:E10	M00003879A:C01
	M00004250D:D10	M00001587A:F05	M00003877D:G05
	M00004290A:B03	M00001560A:F03	M00003881D:C12
	M00003911D:B04	M00001569B:G11	M00003903A:H09
	M00004128B:G01	M00001573A:A06	M00003905A:A06
	M00004142A:D08	M00001575D:A10	M00003875D:D09
	M00003977A:E04	M00001583A:D01	M00003879B:A06
	M00004236C:D10	M00001587A:F08	M00003823D:G05
	M00004388B:A08	M00001590B:B02	M00003763A:C01
	M00004409B:A11	M00001553A:E07	M00003903B:C02
	M00003965A:B11	M00001560A:H06	M00003905A:E07
	M00003988A:E10	M00001589C:A11	M00003867A:D12
	M00004138A:H09	M00001538A:C08	M00003857C:C09
	M00003933C:D06	M00001531A:H03	M00003829C:D10
	M00004193C:G11	M00001548A:G01	M00003839D:E02
	M00004039C:C01	M00001531A:H07	M00003841C:F03
	M00003924B:D04	M00001542A:E04	M00003903D:C06
	M00004375C:D01	M00001487A:F10	M00003852D:E08
		M00001503C:G05	M00003845D:A09
		M00001511A:G08	M00003824A:G10
		M00001539A:H12	M00003841C:F06
		M00001542A:F06	M00003848A:C09
		M00001549A:F01	M00003857C:F11
		M00001514A:A12	M00003816C:C01
		M00001516A:D05	M00003843A:E08
		M00001546C:C07	M00003850A:F06
		M00001549A:H11	M00003813B:A11
		M00001538A:D03	M00003855C:F10
		M00001544A:C09	M00003850D:B05
		M00001546B:F12	M00003841D:F06
		M00001550A:D09	M00003858B:G05
		M00001487B:F02	M00003854D:A12
		M00001513A:G07	M00003857C:G01
		M00001530A:F12	M00003816C:E09
		M00001538A:D12	M00003813A:G04
		M00001587A:G06	M00003850D:A05
		M00001551A:D04	
		M00001485B:C03	

Table 22. Clones Deposited on January 22, 1999

cDNA Ref No.; ATCC Accession No. Clone Names in Library	cDNA Ref ES20 ATCC No.	cDNA Ref No. ES27 ATCC No.	cDNA Ref ES28 ATCC No.
	M00004891D:A07	M00001623B:G07	M00001550D:H02
	M00004118B:C11	M00001619D:G05	M00001549C:D02
	M00004105A:B10	M00001616C:C09	M00001549A:A09
	M00004099A:F11	M00001615C:F03	M00001548A:B11
	M00004037C:D07	M00001614D:D09	M00001546C:G10
	M00004033D:C05	M00001608B:A03	M00001544C:C06
	M00003983D:A09	M00001607D:F07	M00003820B:C05
	M00004029B:H08	M00001623D:C10	M00001543A:H12
	M00004927A:A02	M00001599B:E09	M00001540C:B10
	M00003983C:F10	M00001632C:C09	M00001552B:G05
	M00003980B:C06	M00001605C:D12	M00001543C:F01
	M00004033D:B07	M00001625D:C07	M00001552D:G08
	M00004034C:E08	M00001629B:E06	M00001554B:B07
	M00005100B:H07	M00001594A:B12	M00001555A:B01
	M00005136A:D10	M00001632C:A02	M00001557A:F01
	M00005173D:H02	M00001567C:H12	M00001558A:E11
	M00004891D:C11	M00001635C:A03	M00001561C:E11
	M00004101A:F07	M00001636C:H09	M00001571D:B11
	M00003982B:B06	M00001638A:E07	M00001563B:D11
	M00004108C:E01	M00001639A:F10	M00001569C:B06
	M00005136D:B07	M00001656C:G08	M00001539B:H06
	M00004118D:A11	M00001632A:F12	M00001571B:E03
	M00005102C:C01	M00001557A:D02	M00001561D:C11
	M00005177C:A01	M00001529B:C04	M00001487C:D06
	M00004927C:H11	M00001534B:C12	M00001454B:D08
	M00005174D:B02	M00001535D:C01	M00003772D:E10
	M00004027A:D06	M00001536D:A12	M00001573C:D03
	M00005217A:G10	M00001540B:C09	M00001454D:E05
	M00003984A:B06	M00001540D:D02	M00001455D:F09
	M00003851C:D07	M00001541C:B07	M00001457C:C11
	M00003959C:G06	M00001546B:B02	M00001459B:C09
	M00005100B:G11	M00001575B:C09	M00001460A:E01
	M00005213C:G01	M00001554B:C07	M00001460C:H02
	M00003982B:H07	M00001578D:C04	M00001456A:H02
	M00004029C:B03	M00001557C:H07	M00001477B:F04
	M00004033D:G06	M00001558B:D08	M00003845D:B04
	M00004091B:H09	M00001560D:A03	M00001488A:E01
	M00003959D:A04	M00001561C:F06	M00001492D:A11
	M00004030D:B06	M00001564D:C09	M00001496C:G10
	M00004034C:C06	M00003748B:F02	M00001499A:A05
	M00004030C:D12	M00001570D:A03	M00001500A:B02
	M00003982C:H10	M00001660C:B12	M00001500D:E10
	M00003971C:F09	M00001577B:H02	M00001513D:A03
	M00004031B:A06	M00001548A:A08	M00001528A:C11
	M00003966B:D02	M00003868B:D12	M00001528C:H04
	M00004028B:G08	M00001718D:F07	M00001531B:E09
	M00004031C:H10	M00003829C:A11	M00001463A:F06
	M00004076D:B09	M00003832B:E01	M00003755A:B03

cDNA Ref No.; ATCC Accession No.	cDNA Ref ES20 ATCC No.	cDNA Ref No. ES27 ATCC No.	cDNA Ref ES28 ATCC No.
	M00004092D:B11	M00003842B:D09	M00001653B:G07
	M00003981C:F05	M00003845A:H12	M00001654D:G11
	M00004031D:F05	M00003847B:G03	M00001656B:A07
	M00004097B:D03	M00003847C:E09	M00001664B:D06
	M00003986D:G07	M00003853D:G08	M00001664C:H10
	M00004033B:C02	M00003828A:E04	M00001680B:C01
	M00004037B:A04	M00003867C:H09	M00001681A:F03
	M00004092C:B12	M00003822A:F02	M00001684B:G03
	M00005140D:G09	M00003868C:H10	M00001771A:A07
	M00004897D:G05	M00003871A:A05	M00003774C:D02
	M00004960B:D12	M00003879C:G10	M00003754D:D02
	M00005134C:G04	M00003880C:F10	M00001640B:F03
	M00005139A:F01	M00003881D:D06	M00003763B:H01
	M00005176A:C12	M00003884D:G07	M00003812C:A05
	M00005178A:A07	M00003887A:A06	M00003803C:D09
	M00005212A:A02	M00003889A:D10	M00003801B:B10
	M00005229D:H07	M00003889D:B09	M00003798D:E03
	M00004115C:H04	M00003858D:F12	M00003773B:G01
	M00004687A:C03	M00003774B:B08	M00003771A:G10
	M00004900C:E11	M00001680D:D02	M00001452A:E07
	M00004695B:E04	M00001528A:F09	M00004029B:F11
	M00005134D:A06	M00003748A:B07	M00003751B:A05
	M00004103B:B07	M00001655A:F06	M00001609B:A11
	M00005177A:B06	M00003750A:D01	M00001573D:F10
	M00005178A:A08	M00003761D:E02	M00001579C:B11
	M00004104D:B05	M00003763D:E10	M00001579C:H10
	M00004117B:G01	M00003768A:E02	M00001579D:G07
	M00004900D:B10	M00003829B:G03	M00001583B:E10
	M00005134D:H03	M00003772A:D07	M00001586D:E02
	M00005173C:A02	M00001661B:C08	M00001587D:A10
	M00005177A:H09	M00003778A:D08	M00001589A:D12
	M00005178B:H01	M00003799A:D09	M00001590C:H08
	M00005216C:B09	M00003800A:C09	M00001651B:A11
	M00003826B:E11	M00003804A:H04	M00001597A:E12
	M00001596A:G06	M00003806D:G05	M00001649C:B10
	M00005100B:D02	M00003808C:B05	M00001614A:E06
	M00005137A:E01	M00003811A:E03	M00001615C:D02
	M00004119A:A06	M00003815D:H09	M00001621D:D03
	M00004891D:E07	M00003818B:G12	M00001623D:G03
	M00004958B:D01	M00003769B:D03	M00001624A:F09
	M00005102C:F09	M00001390A:A09	M00001624C:A06
	M00005136D:C01	M00001432A:E06	M00001630B:A11
	M00005174D:H02	M00001381A:D02	M00001634B:C10
	M00005177C:B04	M00001383A:G04	M00001639D:B07
	M00005218B:D09	M00001384C:E03	M00001573D:F04
	M00004102C:F03	M00001384C:F12	M00001595B:A09
	M00004114B:D09	M00001384D:H07	M00004156B:A12
	M00004119D:A07	M00001385B:F10	M00004319D:G09
	M00004895C:G05	M00001385C:H11	M00004096A:G02
	M00004235A:A12	M00001386A:C02	M00004101C:G08

cDNA Ref No.; ATCC Accession No.	cDNA Ref ES20 ATCC No.	cDNA Ref No. ES27 ATCC No.	cDNA Ref ES28 ATCC No.
	M00005134B:E01	M00001372C:F07	M00004102A:H02
	M00004115C:G03	M00001389D:G11	M00004108A:A09
	M00005175B:H04	M00001371D:G01	M00004111D:D11
	M00005214B:D11	M00001392C:D10	M00004115D:C08
	M00004102D:B05	M00001392D:H06	M00004118D:E08
	M00004115A:B12	M00001397B:B09	M00004121C:F06
	M00004119D:H06	M00001398A:G03	M00004131B:H09
	M00004897D:F03	M00001400A:F06	M00004141D:A09
	M00004960B:A09	M00001410B:G05	M00004090A:F09
	M00005134C:E11	M00001413A:F02	M00004146A:C08
	M00005138B:D12	M00001415B:E09	M00004078B:A11
	M00005176A:A05	M00001425A:C11	M00004176B:E08
	M00005214C:A09	M00001386A:D11	M00004188C:A09
	M00004102C:D01	M00001354C:B06	M00004233C:H09
	M00004960B:A08	M00001339D:G02	M00004241D:F11
	M00001476D:A09	M00001660A:C12	M00004246C:A09
	M00001572A:B06	M00001528A:A01	M00004247C:C12
	M00005217D:F12	M00001343D:C04	M00004248B:E08
	M00005233A:G08	M00001347B:E01	M00004257C:H06
	M00005236B:F10	M00001348A:D04	M00004260D:C12
	M00005259B:C01	M00001349C:C05	M00004295B:D02
	M00005254D:B08	M00001350A:D06	M00004040D:F01
	M00005259C:B05	M00001352D:C05	M00004142D:E10
	M00001575A:D06	M00001380C:E05	M00003853D:D03
	M00005259D:H08	M00001354B:B10	M00003860D:H07
	M00003813C:D08	M00001380C:F02	M00003878C:E04
	M00001530D:E06	M00001354C:C10	M00003879A:G05
	M00004891B:B12	M00001355B:G11	M00003880B:C08
	M00001596B:C11	M00001356D:F06	M00003881A:D09
	M00004300C:H09	M00001360D:E11	M00003881C:G09
	M00001486D:D12	M00001361C:H11	M00003901B:A05
	M00001585D:F03	M00001362C:A10	M00003904D:D10
	M00001596B:D09	M00001363C:H02	M00003905C:G10
	M00001570D:E06	M00001366D:G02	M00003906B:F12
	M00001582C:E01	M00001369A:H12	M00003909A:H04
	M00001586C:E06	M00001352D:D02	M00004091B:D11
	M00001593B:D10	M00001485D:B10	M00003963A:E03
	M00001595C:H11	M00001457B:E03	M00004353C:H07
	M00001596B:H05	M00001457C:C12	M00003919A:A10
	M00001576A:C11	M00001458C:E01	M00003938A:B04
	M00001596C:F09	M00001462B:A10	M00003939C:F04
	M00001567A:H05	M00001464D:F06	M00003946D:C11
	M00001585D:D11	M00001467D:H05	M00003979A:F03
	M00004688A:A02	M00001468B:H06	M00003985C:F01
	M00004927A:E06	M00001505C:H01	M00003997B:G07
	M00005229D:H09	M00001470A:H01	M00003860D:A01
	M00004117B:A12	M00001457A:B07	M00004035A:A04
	M00004187D:G09	M00001479B:A01	M00004042D:H02
	M00005173B:F01	M00001469D:D02	M00004073B:B01
	M00005218A:G05	M00001487A:A05	M00003946A:H10

cDNA Ref No.; ATCC Accession No.	cDNA Ref ES20 ATCC No.	cDNA Ref No. ES27 ATCC No.	cDNA Ref ES28 ATCC No.
	M00004118A:H08	M00001352C:H02	M00001423D:A09
	M00005134A:D11	M00001488D:C10	M00004314B:G07
	M00005176C:C09	M00001490C:C12	M00001405D:D11
	M00005230D:F06	M00001493B:D09	M00001408A:H04
	M00005234D:B04	M00001504D:D11	M00001408D:D04
	M00005101C:E09	M00001376B:C06	M00001411D:F05
	M00004206A:E02	M00001506B:D09	M00001412A:E04
	M00001570C:A05	M00001511B:C06	M00001413A:F03
	M00005231A:H04	M00001476B:F10	M00001417B:C04
	M00005235A:A03	M00001450D:D04	M00001417D:A04
	M00004118B:B04	M00001433A:G07	M00001418B:F07
	M00005136D:D06	M00001470C:B10	M00001419D:C10
	M00005231C:B01	M00001437D:C04	M00001402B:F12
	M00004153B:B03	M00001447C:C01	M00001423A:G05
	M00004897C:D06	M00001448B:F06	M00001401C:H03
	M00005136D:G06	M00001449D:A06	M00001423D:D12
	M00005212B:A02	M00001433B:H11	M00001424B:H04
	M00005232A:C10	M00001451D:C10	M00001428B:A09
	M00004692A:H10	M00001452A:C07	M00001430A:A02
	M00005101C:B09	M00001453C:A11	M00001432D:F05
	M00004144A:F04	M00001456B:C09	M00001438B:B09
	M00003852B:D11	M00001454B:G03	M00001445B:E04
	M00001660D:E05	M00001454B:G07	M00001445C:A08
	M00003808A:F09	M00001454C:C08	M00001446C:D09
	M00001656A:D10	M00001454C:F02	M00001448A:G09
	M00001671A:H06	M00001454D:D06	M00001449C:H12
	M00003809C:H07	M00001456B:F10	M00001422C:F12
	M00003853C:C06	M00001455D:A09	M00001352C:H10
	M00003860A:A08	M00001455D:A11	M00004375A:H01
	M00003822B:D08	M00001448D:F09	M00004380B:A05
	M00003845A:E12		M00004444B:D11
	M00003854C:C02		M00001338B:E02
	M00003860B:G09		M00001341A:F12
	M00003822B:G01		M00001344A:G07
	M00001670A:C11		M00001345A:G11
	M00003852A:B03		M00001345B:E10
	M00003829D:A11		M00001345C:B01
	M00003854C:F01		M00001346B:B07
	M00003856B:C04		M00001405B:E09
	M00003905A:H11		M00001352B:F04
	M00001530A:F11		M00001451C:E01
	M00003840B:E07		M00001361A:H07
	M00003905B:G03		M00001362B:H06
	M00003840B:E08		M00001372C:G12
	M00003855A:C12		M00001375B:G12
	M00003905B:H05		M00001376A:C05
	M00003826B:B04		M00001376B:A08
	M00003851C:B06		M00001377C:E12
	M00003853B:C08		M00001382B:F12
	M00003829A:F03		M00001385A:F12

cDNA Ref No.;	cDNA Ref ES20	cDNA Ref No. ES27	cDNA Ref ES28
ATCC Accession No.	ATCC No.	ATCC No.	ATCC No.
	M00001638C:G01		M00001394A:E04
	M00003845D:B02		M00001395A:C09
	M00001653D:G07		M00001396A:H03
	M00001578B:A02		M00001350B:G11
	M00001590B:H10		
	M00001595C:A09		
	M00001596A:E07		
	M00001607A:B06		
	M00001607A:D10		
	M00001652C:B09		
	M00001671B:F02		
	M00001632C:D08		
	M00001638C:H07		
	M00001652D:B09		
	M00001614C:E11		
	M00001633B:B11		
	M00001651C:A04		
	M00001639D:G12		
	M00001671C:F11		
	M00001638A:B04		
	M00001637C:H12		
	M00001669B:H06		
	M00001639D:F02		
	M00001590A:C08		
	M00001636A:C02		
	M00001614A:A04		
	M00001639D:G06		

Table 23. Library Deposited on January 22, 1999

cDNA Ref No.;	cDNA Library Ref ES29	cDNA Library Ref ES30
ATCC Accession No.	ATCC No.	ATCC No.
Clone Names in	M00001449D:B01	M00001594D:B08
Library	M00001476D:F03	M00001593A:B07
	M00001456C:B12	M00001594A:C01
	M00001469B:B01	M00001594A:D08
	M00001471A:B04	M00001594A:G09
	M00001472A:D08	M00001595C:B05
	M00001473A:A07	M00001594B:F12
	M00001473C:D09	M00001596D:E03
	M00001475B:C04	M00001594D:C03
	M00001475C:G11	M00001592C:F11
	M00001476A:D11	M00001590D:G07
	M00001476B:D10	M00001595D:A04
	M00001468A:C05	M00001595D:G03
	M00001476C:C11	M00001601A:A06
	M00001467A:H07	M00001590C:F10
	M00001477B:E02	M00001589B:B08
	M00001478B:H08	M00001589C:E06
	M00001479C:E01	M00001611B:A05
	M00001480A:D03	M00001601A:E02
	M00001480C:A05	M00001587A:D01
	M00001481A:H08	M00001591B:B12
	M00001481B:D09	M00001590B:G08
	M00001482A:H05	M00001592C:E05
	M00001482D:H11	M00001591B:B06
	M00001483C:G09	M00001591D:C07
	M00001485A:C05	M00001591D:F06
	M00001476B:F08	M00001592A:E02
	M00001460A:E11	M00001592A:H05
	M00001456C:C11	M00001592B:A04
	M00001457A:C05	M00001587A:B10
	M00001457A:G12	M00001609D:G10
	M00001458A:A11	M00005231D:B09
	M00001458C:D10	M00001614B:E08
	M00001458D:A01	M00005217C:C01
	M00001458D:A02	M00001587A:B01
	M00001458D:C11	M00001613D:B03
	M00001458D:D01	M00001613A:F03
	M00001459B:C11	M00001611C:H11
	M00001468A:H10	M00001611C:C12
	M00001460A:C10	M00001611B:E06
	M00001485B:F05	M00001611B:A09
	M00001460A:H11	M00001610D:D05
	M00001461A:F05	M00001610B:C07
	M00001462A:D03	M00001610C:E07
	M00001464A:B02	M00001610A:E09
	M00001464A:E10	M00001601A:E12
	M00001465A:B12	M00001609B:C09
	M00001465A:C12	M00001608D:D11
	M00001465A:E10	M00001608B:A09

cDNA Ref No.; ATCC Accession No.	cDNA Library Ref ES29 ATCC No.	cDNA Library Ref ES30 ATCC No.
	M00001465A:G06	M00001607D:F06
	M00001466A:F08	M00001607B:C05
	M00001467A:C10	M00001606A:H09
	M00001460A:B12	M00001605A:H03
	M00001545A:B12	M00001605A:E09
	M00001535A:D10	M00001605A:A06
	M00001536A:F11	M00001604A:C11
	M00001537A:H05	M00001604A:C07
	M00001539A:E01	M00001604A:B08
	M00001539A:H02	M00001604A:A09
	M00001539B:G07	M00001610A:H05
	M00001539D:B10	M00005214B:A06
	M00001540D:E02	M00005228A:A09
	M00001541B:E05	M00001567A:B09
	M00001542A:G12	M00001561A:D01
	M00001485B:D09	M00001559A:C08
	M00001545A:B10	M00001559A:A11
	M00001533A:G05	M00001558A:G09
	M00001545A:F02	M00001555A:B12
	M00001545A:G05	M00001554A:A08
	M00001546A:D08	M00001552A:H10
	M00001548A:H04	M00001552A:F06
	M00001550A:E07	M00005231C:B07
	M00001551A:A11	M00005218D:G10
	M00001551A:D06	M00001570A:H01
	M00001551A:H06	M00005214D:D10
	M00001551D:H07	M00001570C:G03
	M00001552A:E10	M00005213C:A01
	M00001450A:B08	M00005212D:F08
	M00001544A:F05	M00005212A:D10
	M00001512A:G05	M00005211C:E09
	M00001483B:D04	M00005211A:E09
	M00001485B:H03	M00005210D:C09
	M00001485C:C08	M00005179D:B03
	M00001486B:D07	M00005179B:H02
	M00001486B:E12	M00005177D:F09
	M00001487B:A11	M00005177C:G04
	M00001487B:E10	M00005177B:H02
	M00001507A:A11	M00001614D:B08
	M00001507A:B02	M00001615A:D06
	M00001507A:C05	M00005216B:D02
	M00001507A:E04	M00001579C:A01
	M00001534A:D03	M00001585B:C03
	M00001511A:G01	M00001585B:A06
	M00001533D:A08	M00001584D:H02
	M00001513A:F05	M00001584A:G03
	M00001514A:G03	M00001583D:B08
	M00001516A:D02	M00001583B:F02
	M00001516A:F06	M00001583A:F07
	M00001517A:B11	M00001583A:A05

cDNA Ref No.; ATCC Accession No.	cDNA Library Ref ES29 ATCC No.	cDNA Library Ref ES30 ATCC No.
	M00001529D:C05	M00001582D:F02
	M00001530A:A09	M00001582D:B01
	M00001530A:E10	M00001582A:A03
	M00001532A:C01	M00001579D:H09
	M00001532D:A06	M00001567D:B03
	M00001485B:D10	M00001579C:H06
	M00001511A:A02	M00001585B:F01
	M00004249D:B08	M00001579B:F04
	M00004185D:E04	M00001579A:E03
	M00004188D:G08	M00001578C:F05
	M00004197C:F03	M00001577D:H06
	M00004198B:D02	M00001577B:F10
	M00004204D:C03	M00001576C:G05
	M00004208B:F05	M00001575D:D12
	M00004208D:B10	M00001575D:B10
	M00004210B:B05	M00001575D:A02
	M00001362D:H01	M00001573B:G08
	M00004216D:D03	M00001573A:E01
	M00004167A:H03	M00001572A:B05
	M00004275A:B03	M00001571D:F05
	M00004285C:A08	M00001579D:F04
	M00004316A:G09	M00001636A:F08
	M00004465B:D04	M00001643B:E05
	M00004493B:D09	M00001642C:G02
	M00001347B:H04	M00001642A:F03
	M00001351C:B06	M00001641D:C04
	M00001360A:G10	M00001641C:H07
	M00004216D:C03	M00001641C:F01
	M00004076D:D04	M00001641C:D02
	M00001484C:A04	M00001641B:F12
	M00001456B:G01	M00001634A:B04
	M00003972D:C09	M00001636B:G11
	M00003974C:E04	M00001649C:D05
	M00003979A:E11	M00001636A:C03
	M00003983C:F03	M00001635D:D05
	M00003989B:F11	M00001635D:C12
	M00004031D:B05	M00001635B:H02
	M00004177C:A01	M00001635B:H01
	M00004076B:G03	M00001634D:G11
	M00004167D:A07	M00001634D:D04
	M00004078A:A06	M00001634A:H05
	M00004085A:B02	M00001641A:A11
	M00004107B:A06	M00001638B:E12
	M00004111C:E11	M00001640A:H02
	M00004130D:H01	M00001614C:E06
	M00004157D:B03	M00001636D:F09
	M00004159C:F09	M00001637A:A03
	M00004162C:A07	M00001637A:A06
	M00004135B:G01	M00001637A:E10
	M00004040A:G12	M00001637A:F10

cDNA Ref No.; ATCC Accession No.	cDNA Library Ref ES29 ATCC No.	cDNA Library Ref ES30 ATCC No.
	M00001453B:H12	M00001637C:C06
	M00001448A:E11	M00001644A:H01
	M00001448B:F09	M00001638B:E03
	M00001448B:H05	M00001649A:E11
	M00001448C:E11	M00001638B:F10
	M00001448C:F10	M00001639A:C03
	M00001448D:F12	M00001639A:G07
	M00001449B:B03	M00001639B:H01
	M00001449C:C05	M00001639B:H05
	M00001449D:G10	M00001639C:A09
	M00001448A:B12	M00001639C:C02
	M00001453A:D08	M00001649C:E11
	M00001451B:A04	M00001649C:H10
	M00001454A:F11	M00001637C:E03
	M00001454A:G03	M00001617A:A08
	M00001455A:F04	M00001622A:H12
	M00001455B:E07	M00001621C:H12
	M00001455D:A06	M00001621B:G05
	M00001364B:B06	M00001620D:H02
	M00004117A:G01	M00001620D:G11
	M00001455D:D11	M00001619D:D10
	M00001456B:A06	M00001619C:C07
	M00001451A:C10	M00001619A:E05
	M00001395A:E03	M00001623A:F04
	M00001366D:C06	M00001618A:A03
	M00001365A:H10	M00001618B:D09
	M00001366D:C12	M00001617A:A01
	M00001373D:B03	M00001616D:C11
	M00001453B:F08	M00001615C:G05
	M00001444D:C01	M00001615C:A11
	M00001375B:C06	M00001615B:G07
	M00001392C:D05	M00001633D:H06
	M00001395A:A12	M00001639C:A10
	M00001395A:H02	M00001615B:A09
	M00001397D:G08	M00001615B:G01
	M00001434A:B10	M00001618A:F10
	M00001416A:D09	M00001632C:H07
	M00001433C:F10	M00001633D:D12
	M00001416A:H02	M00001633D:D09
	M00001428D:B10	M00001618A:F08
	M00001428B:D01	M00001633D:G09
	M00001426D:D12	M00001624A:A03
	M00001400C:D02	M00001633C:F09
	M00001427C:D01	M00001633C:H05
		M00001633C:B09
		M00001633A:E06
		M00001633C:H11
		M00001632C:B10
		M00001625D:G10
		M00001631D:G05

cDNA Ref No.;	cDNA Library Ref ES29	cDNA Library Ref ES30
ATCC Accession No.	ATCC No.	ATCC No.
		M00001629C:E07
		M00001629B:B08
		M00001626C:E04
		M00001626C:C11
		M00001632A:B10
		M00001624B:B10
		M00001633C:A05
		M00001625C:G05

Table 24. Clones Deposited on January 22, 1999

cDNA Ref No.; ATCC Accession No. Clone Names in Library	cDNA Ref ES31 ATCC No.	cDNA Ref No. ES32 ATCC No.	cDNA Ref ES33 ATCC No.
	M00003843A:E04	M00003906A:F12	M00005254D:A10
	M00003842C:G03	M00003906B:H06	M00005260B:E11
	M00003842A:A03	M00003906C:C05	M00005260A:F04
	M00003841D:A04	M00003907A:F01	M00005260A:A12
	M00003841B:E06	M00003907B:C03	M00005259B:D12
	M00003841C:H11	M00003907B:D05	M00005257D:H11
	M00003844A:A11	M00003918A:D08	M00005257D:G07
	M00003841C:F01	M00003918A:F09	M00005257D:A06
	M00003841C:H08	M00003918C:H10	M00005257C:G01
	M00003841C:D07	M00003924A:D08	M00005257A:H11
	M00003844D:A07	M00003958B:E11	M00005236B:H10
	M00003845D:G08	M00003958B:H08	M00005236B:G03
	M00003852C:B06	M00003960A:G07	M00005257C:E05
	M00003854B:A07	M00003971B:A10	M00001608C:D02
	M00003854B:D04	M00003972D:H02	M00001608C:G04
	M00003859D:C05	M00003973C:C03	M00001608D:F11
	M00003860B:F11	M00003974B:B11	M00001609C:A12
	M00003867B:G07	M00003974D:F02	M00001609C:G05
	M00003867B:G08	M00003974D:H04	M00001610C:B07
	M00003841B:E03	M00003975C:F07	M00001612D:D12
	M00003822D:B10	M00003977C:A06	M00001612D:F06
	M00003867D:A06	M00003977C:B03	M00001613A:D02
	M00003868B:G06	M00003977D:A03	M00001614A:B10
	M00003867B:D10	M00003977D:A06	M00001614C:G07
	M00003831C:G05	M00003977D:D04	M00001615C:E07
	M00003901C:B01	M00003978D:G04	M00001625C:F10
	M00003868C:C07	M00003980A:F04	M00001626D:A02
	M00003820A:A08	M00003980B:C11	M00001629A:H09
	M00003820B:D07	M00003981C:B04	M00001629D:B10
	M00003820B:D10	M00003982A:B12	M00001629D:D10
	M00003822D:C06	M00003982C:G04	M00001630C:F09
	M00003823B:F07	M00003984D:B08	M00001631A:D03
	M00003824C:D07	M00003985B:G04	M00001631A:F06
	M00003825B:B10	M00003985D:E10	M00001631A:F12
	M00003825B:B11	M00003986B:A08	M00001631B:H04
	M00003828A:D05	M00003986C:D09	M00001633A:F11
	M00003822D:D04	M00003986D:C08	M00001633A:G10
	M00003830C:A03	M00003987B:E12	M00001633B:A12
	M00003840D:H10	M00003987B:F08	M00001633B:E03
	M00003832A:A09	M00003987C:G03	M00001633C:A08
	M00003833B:B03	M00003988D:A08	M00001633C:E12
	M00003833B:C12	M00003989C:D03	M00001635B:B02
	M00003834B:G04	M00003989C:G05	M00001636A:H12
	M00003835A:A09	M00003989D:F12	M00001638A:C08
	M00003835B:H11	M00004029B:F01	M00001638B:C08
	M00003835D:G06	M00004029C:C05	M00001639D:C12
	M00003837C:E05	M00004029C:G10	M00001640A:F05
	M00003837C:F10	M00004030D:F11	M00001642D:G08

cDNA Ref No.; ATCC Accession No.	cDNA Ref ES31 ATCC No.	cDNA Ref No. ES32 ATCC No.	cDNA Ref ES33 ATCC No.
	M00003839A:D07	M00004034A:A01	M00001647D:G07
	M00003839D:E11	M00004034C:G02	M00001649A:E10
	M00003829C:H05	M00004034D:E09	M00001650D:D10
	M00003901B:C03	M00004035B:H09	M00001650D:F11
	M00003878C:F06	M00004036D:B04	M00001651C:D11
	M00003878C:G08	M00004036D:B09	M00001651C:G12
	M00003879A:A02	M00004038A:F02	M00001652B:D06
	M00003879A:B08	M00004038D:G06	M00001652D:G02
	M00003879A:C11	M00004039A:C03	M00001652D:G06
	M00003879A:D02	M00004039A:H11	M00001653A:A05
	M00003879B:G02	M00004039B:A05	M00001653D:H07
	M00003880B:D11	M00004039B:E12	M00001654A:E08
	M00003880C:E11	M00004040C:A01	M00001654B:A01
	M00003880C:H03	M00004051D:E01	M00001654C:D10
	M00003901B:F10	M00004072D:F09	M00001654C:G07
	M00003890B:C08	M00004073A:D10	M00001654C:G09
	M00003877C:A11	M00004075B:G09	M00001655C:C07
	M00003819D:B01	M00004076A:D12	M00001655D:E08
	M00003901B:G11	M00004076D:H07	M00001655D:H11
	M00001692A:G06	M00004078A:C11	M00001656A:H12
	M00003903C:C05	M00004078A:E05	M00001656C:C04
	M00003903C:E12	M00004078A:F07	M00001656D:C04
	M00003903D:C12	M00004078B:C11	M00001657C:C11
	M00003903D:D10	M00004078B:F12	M00001657D:A10
	M00003903D:H11	M00004079D:G08	M00001659D:A09
	M00003904A:C04	M00004081A:E02	M00001661D:D05
	M00003904B:C03	M00004081A:G01	M00001664B:E08
	M00003904C:A08	M00004081C:A10	M00001664B:F06
	M00003881B:F10	M00004083A:E08	M00001669B:C12
	M00003871D:G06	M00004083B:C01	M00001669C:B09
	M00003868D:D09	M00004086D:G08	M00001670A:F09
	M00003868D:D11	M00004087B:A12	M00001678C:F09
	M00003870C:A01	M00004087C:A01	M00001693A:H06
	M00003870C:A10	M00004088C:F01	M00003805D:E06
	M00003870C:E10	M00004088D:A11	M00003806C:A06
	M00003871A:A02	M00004088D:B05	M00003809B:A03
	M00003871A:B09	M00004088D:B10	M00003810A:A02
	M00003871A:C11	M00004090B:B04	M00003810B:B11
	M00003871A:G09	M00004090B:H06	M00003810C:B06
	M00003871C:E04	M00004092B:E05	M00003810D:H09
	M00003871C:F12	M00004093C:C02	M00003811C:C02
	M00003878C:D08	M00004096D:H03	M00003813B:F02
	M00003871D:E11	M00004099D:F01	M00003813C:H08
	M00003877C:G12	M00004100B:C07	M00003813D:B12
	M00003875A:A07	M00004103B:E09	M00003813D:C02
	M00003875A:B01	M00004105C:B05	M00003813D:G06
	M00003875B:F12	M00004105C:C08	M00003814B:C01
	M00003875C:A01	M00004107A:A12	M00003817C:A10
	M00003875C:A09	M00004107B:D07	M00003817C:G06
	M00003875C:G02	M00004108B:B02	M00003817D:D12

cDNA Ref No.; ATCC Accession No.	cDNA Ref ES31 ATCC No.	cDNA Ref No. ES32 ATCC No.	cDNA Ref ES33 ATCC No.
	M00003876B:C05	M00004108D:E07	M00003821A:H09
	M00003876C:D02	M00004108D:G04	M00003822B:G12
	M00003876C:F02	M00004110A:A10	M00003822C:A07
	M00003877B:H10	M00004110B:A07	M00003823C:B01
	M00003868D:B09	M00004118B:A03	M00003823C:C04
	M00003871D:A10	M00004118B:F01	M00003824A:G11
	M00001669D:D06	M00004118D:B05	M00003824B:C09
	M00001661A:B11	M00004119A:C09	M00003824C:A10
	M00001661B:F06	M00004136D:B02	M00003824D:D08
	M00001662A:C07	M00004137A:D06	M00003825B:F10
	M00001662A:G01	M00004139C:A12	M00003825D:F01
	M00001662B:F06	M00004149C:B02	M00003826C:F05
	M00001663C:F12	M00004159C:G12	M00003829A:B08
	M00001664A:F08	M00004169D:B11	M00003829C:E08
	M00001664D:F04	M00004187D:H06	M00003829D:D12
	M00001661A:E06	M00004228C:H03	M00003829D:F03
	M00001669A:B02	M00004244C:G07	M00003830D:B11
	M00001669B:B12	M00004358D:C02	M00003830D:H11
	M00001669C:C08	M00004690A:G08	M00003833D:H08
	M00001675A:G10	M00004891B:D01	M00003833D:H10
	M00001669D:C03	M00004891C:D04	M00003840A:C10
	M00001660B:E03	M00004895B:E12	M00003840B:F05
	M00001669D:F05	M00004895B:G04	M00003840C:C02
	M00001670B:G12	M00004895D:G07	M00003845C:D04
	M00001671A:A10	M00004898C:F03	M00003845D:A04
	M00001671B:G05	M00004899D:G06	M00003846B:C05
	M00001671C:C11	M00004959D:H12	M00003846C:F08
	M00001672D:E08	M00004960A:B08	M00003848B:E07
	M00001673A:G08	M00004960C:E10	M00003848D:G02
	M00001673B:B07	M00005100A:B02	M00003850C:G09
	M00001673B:F07	M00005100A:C01	M00003851A:A06
	M00001673D:D06	M00005101C:E12	M00003851B:D03
	M00001673D:F10	M00005102C:D03	M00003851B:E01
	M00001674A:G07	M00005134B:E08	M00003851C:F09
	M00001692D:B01	M00005139A:H03	M00003851D:H11
	M00001669C:D09	M00005140C:B10	M00003852B:G04
	M00001655C:E01	M00005140D:C06	M00003852C:F07
	M00001649D:A08	M00005178D:H04	M00003853B:C10
	M00001650A:C11	M00005210A:E06	M00003854C:C09
	M00001651A:H11	M00005212B:E01	M00003855A:A01
	M00001652A:A01	M00005212C:C03	M00003855A:F01
	M00001652B:G10	M00005212C:D02	M00003855B:B09
	M00001652D:E05	M00005212C:H02	M00003856A:G04
	M00001652D:E09	M00005212D:D09	M00003856B:A12
	M00001653B:C06	M00005212D:H01	M00003857A:E12
	M00001653B:G10	M00005216A:D09	M00003857A:H10
	M00001653C:D10	M00005216A:H01	M00003857C:E05
	M00001654D:A03	M00005217B:A06	M00003858B:G02
	M00001654D:E12	M00005218A:F09	M00003860D:E06
	M00001654D:F11	M00005228A:B03	M00003905C:F12

cDNA Ref No.; ATCC Accession No.	cDNA Ref ES31 ATCC No.	cDNA Ref No. ES32 ATCC No.	cDNA Ref ES33 ATCC No.
	M00001660C:B06	M00005228C:C05	M00003911A:D12
	M00001658D:G12	M00005229B:G12	M00003966B:A04
	M00001675C:A04	M00005229B:H04	M00003966C:A12
	M00001660B:D03	M00005229B:H06	M00003966C:F03
	M00001660B:A09	M00005229D:H03	M00003973D:F08
	M00001659D:C09	M00005230B:H09	M00003974D:E01
	M00001659D:B05	M00005232A:H12	M00003974D:H07
	M00001654D:F12	M00005233B:D04	M00003976B:E06
	M00001659A:D12	M00005233D:H07	M00003976B:H07
	M00001655A:B11	M00005235B:F10	M00003978A:E01
	M00001658B:A07	M00005236A:E04	M00003978A:E09
	M00001658A:G09	M00005236A:G10	M00003978C:A12
	M00001657D:A04	M00005236B:A12	M00003980C:E12
	M00001657B:B04	M00001448B:A07	M00003980C:F12
	M00001656B:E01	M00001448B:G07	M00003981A:A07
	M00001660B:E04	M00001448D:E11	M00003981B:B12
	M00001659C:F10	M00001455A:D10	M00003982A:G03
	M00003808C:A05	M00001455A:E11	M00003982B:C10
	M00001694D:C12	M00001476D:F12	M00003982B:H10
	M00003746C:E02	M00001478A:F12	M00003983A:D02
	M00003779D:E08	M00001482C:F09	M00003983A:F06
	M00003792A:B10	M00001485C:D07	M00003983A:G02
	M00003793D:A11	M00001485C:G06	M00003983D:E08
	M00003794D:G03	M00001485D:A05	M00003983D:H02
	M00003797A:C11	M00001487C:A11	M00003985A:C01
	M00003797A:D06	M00001487C:G09	M00003986C:G11
	M00003797A:G03	M00001530A:B02	M00003986D:H12
	M00003800B:F03	M00001530A:H05	M00004027A:A08
	M00003805A:F02	M00001530D:A11	M00004028A:B10
	M00003806B:C09	M00001539B:B10	M00004028A:G03
	M00001674A:G11	M00001567A:C04	M00004029B:A01
	M00003806D:D11	M00001567A:C11	M00004029B:A06
	M00001693D:E08	M00001567C:B08	M00004029B:G10
	M00003808D:D08	M00001567C:E07	M00004029C:F02
	M00003809A:C01	M00001570C:B02	M00004029C:F05
	M00003809A:F01	M00001570D:E05	M00004030B:A12
	M00003809B:B02	M00001570D:E07	M00004030B:D08
	M00003809B:E10	M00001573B:A06	M00004030C:A08
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	M00001675C:D12	M00001584D:C11	M00004040A:C08

cDNA Ref No.: ATCC Accession No.	cDNA Ref ES31 ATCC No.	cDNA Ref No. ES32 ATCC No.	cDNA Ref ES33 ATCC No.
	M00001675D:E10	M00001585D:B12	M00004040B:C05
	M00001676B:B09	M00001586C:H07	M00004040B:F07
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	M00001676D:A02	M00001592D:H02	M00004085B:G01
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	M00001677A:G11	M00001594C:H03	M00004090D:F12
	M00001677B:A12	M00001594D:G11	M00004092C:D08
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	M00003819B:G01	M00001595B:G10	
	M00001693C:E09	M00001595B:H11	
	M00001693C:C12	M00001595C:A01	
	M00001692B:E01	M00001595C:A05	
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	M00001681D:C12	M00001595C:E09	
	M00001694A:E03	M00001595D:C11	
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We Claim:

1. A library of polynucleotides, the library comprising the sequence information of at least one of SEQ ID NOS:1-3544, 3546-4510, 4512-4725, 4727-4748, and 4750-5252.
- 5 2. The library of claim 1, wherein the library is provided on a nucleic acid array.
3. The library of claim 1, wherein the library is provided in a computer-readable format.
- 10 4. The library of claim 1, wherein the library comprises a differentially expressed polynucleotide comprising a sequence selected from the group consisting of SEQ ID NOS:65, 174, 203, 252, 253, 387, 419, 420, 491, 552, 560, 581, 590, 648, 693, 726, 746, 990, 1095, 1124, 1205, 1354, 1387, 1780, 1899, 1915, 1979, 2007, 2024, 2245, and 2325.
- 15 5. The library of claim 1, wherein the library comprises a polynucleotide differentially expressed in a human breast cancer cell, where the polynucleotide comprises a sequence selected from the group consisting of SEQ ID NOS:15, 36, 44, 45, 89, 146, 154, 159, 165, 174, 172, 183, 203, 261, 364, 366, 387, 419, 420, 496, 503, 510, 512, 529, 552, 560, 564, 570, 590, 606, 644, 646, 693, 707, 711, 726, 746, 754, 756, 875, 902, 921, 942, 20 990, 1095, 1104, 1122, 1131, 1142, 1170, 1184, 1205, 1286, 1289, 1354, 1387, 1435, 1535, 1751, 1764, 1777, 1795, 1860, 1869, 1882, 1890, 1915, 1933, 1934, 1979, 1980, 2007, 2023, 2040, 2059, 2223, 2245, 2300, 2325, 2409, 2462, 2486, 2488, and 2492.
- 25 6. The library of claim 1, wherein the library comprises a polynucleotide differentially expressed in a human colon cancer cell, where the polynucleotide comprises a sequence selected from the group consisting of SEQ ID NOS:33, 65, 228, 250, 252, 253, 280, 282, 355, 370, 387, 443, 460, 491, 545, 560, 581, 603, 680, 693, 703, 704, 716, 726, 746, 752, 753, 1095, 1104, 1205, 1241, 1264, 1354, 1387, 1401, 1442, 1514, 1734, 1742, 1780, 1851, 1899, 1915, 1954, 2024, 2066, 2262, and 2325.

7. The library of claim 1, wherein the library comprises a polynucleotide differentially expressed in a human lung cancer cell, where the polynucleotide comprises a sequence selected from the group consisting of SEQ ID NOS: 10, 54, 65, 171, 174, 203, 252, 253, 254, 285, 419, 420, 466, , 491, 525, 526, 552, 571, 574, 590, 693, 700, 726, 742, 746, 861, 990, 922, 1088, 1288, 1355, 1417, 1422, 1444, 1454, 1570, 1597, 1979, 2007, 2024, 2034, 2038, 2126, and 2245.

8. The library of claim 1, wherein the library comprises a polynucleotide differentially expressed in a human cancer cell, where the polynucleotide comprises a sequence selected from the group consisting of SEQ ID NOS:648 and 1899.

9. An isolated polynucleotide comprising a nucleotide sequence having at least 90% sequence identity to an identifying sequence of SEQ ID NOS:1-3544, 3546-4510, 4512-4725, 4727-4748, and 4750-5252, or a degenerate variant or fragment thereof.

15

10. The polynucleotide of claim 9, wherein the polynucleotide comprises a sequence of one of SEQ ID NOS:2503, 2504, 2550, 2555, 2578, 2656, 2667, 2712, 2723, 2728, 2738, 2734, 2754, 2758, 2760, 2832, 2835, 2842, 2843, 2849, 2893, 2933, 2956, 2971, 2981, 3009, 3018, 3019, 3046, 3084, 3190, 3129, 3173, 3226, 3227, 3274, 3290, 3356, 3365, 3377, 3381, 3390, 3391, 3404, 3407, 3408, 3409, 3418, 3419, 3451, 3597, 3600, 3618, 3632, 3635, 3646, 3648, 3657, 3665, 3669, 3670, 3671, 3656, 3680, 3686, 3695, 3696, 3700, 3710, 3736, 3762, 3763, 3774, 3775, 3791, 3804, 3806, 3836, 3895, 3905, 3919, 3920, 3927, 3936, 3951, 3974, 3998, 4036, 4038, 4044, 4056, 4072, 4117, 4119, 4152, 4153, 4154, 4172, 4175, 4159, 4175, 4205, 4216, 4223, 4228, 4238, 4241, 4243, 4251, 4253, 4261, 4263, 4278, 4288, 4322, 4330, 4343, 4359, 4363, 4364, 4365, 4373, 4375, 4384, 4385, 4406, 4409, 4431, 4434, 4441, 4442, 4444, 4455, 4469, 4473, 4477, 4482, 4489, 4495, 4496, 4498, 4525, 4535, 4536, 4540, 4560, 4616, 4562, 4586, 4605, 4629, 4653, 4654, 4658, 4659, 4660, 4661, 4664, 4665, 4668, 4684, 4682, 4688, 4689, 4710, 4718, 4733, 4724, 4733, 4746, 4755, 4760, 4710, 4777, 4785, 4792, 4794, 4801, 4807, 4821, 4822, 4847, 4850, 4854, 4856, 4866, 4885, 4900, 4901, 4905, 4914, 4925, 4929, 4931, 4943, 4944, 4959, 5111, 5020, 5041, 5046, 5059, 5083, 5090, 5094, 5102, 5125, 5174, 5197, 5208, 5217, 5237, 5239, 5241, 5243, 5248, and 5252.

11. A recombinant host cell containing the polynucleotide of claim 9.
12. An isolated polypeptide encoded by the polynucleotide of claim 9.
- 5 13. An antibody that specifically binds a polypeptide of claim 12.
14. A vector comprising the polynucleotide of claim 9.
15. A polynucleotide comprising the nucleotide sequence of an insert contained in
10 a clone deposited as ATCC accession number xx, xx, xx, xx, xx, xx, xx, or xx.
16. A method of detecting differentially expressed genes correlated with a
cancerous state of a mammalian cell, the method comprising the step of:
detecting at least one differentially expressed gene product in a test sample derived
15 from a cell suspected of being cancerous, where the gene product is encoded by a gene
corresponding to a sequence of at least one of SEQ ID NOS:10, 15, 33, 36, 44, 45, 54, 65,
89, 146, 154, 159, 165, 171, 172, 174, 183, 203, 228, 250, 252, 253, 254, 261, 280, 282,
285, 355, 364, 366, 370, 387, 419, 420, 443, 460, 466, 491, 496, 503, 510, 512, 525, 526,
529, 545, 552, 560, 564, 570, 571, 574, 581, 590, 603, 606, 644, 646, 648, 680, 693, 700,
20 703, 704, 707, 711, 716, 726, 742, 746, 752, 753, 754, 756, 861, 875, 902, 921, 922, 942,
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1355, 1387, 1417, 1435, 1444, 1454, 1535, 1570, 1597, 1734, 1742, 1751, 1764, 1777,
1780, 1795, 1860, 1869, 1882, 1890, 1899, 1915, 1933, 1934, 1954, 1979, 1980, 2007,
2023, 2024, 2034, 2040, 2059, 2126, 2223, 2245, 2262, 2300, 2325, 2409, 2486, 2462,
25 2488, 2492, 1241, 1264, 1401, 1422, 1442, 1514, 1851, 1915, 2007, 2024, 2038, 2066, and
2245;
wherein detection of the differentially expressed gene product is correlated with a
cancerous state of the cell from which the test sample was derived.
- 30 17. The method of claim 16, wherein said detecting step is by hybridization of the
test sample to a reference array, wherein the reference array comprises an identifying
sequence of at least one of SEQ ID NOS: 65, 174, 203, 252, 253, 387, 419, 420, 491, 552,

560, 581, 590, 648, 693, 726, 746, 990, 1095, 1124, 1205, 1354, 1387, 1780, 1899, 1915, 1979, 2007, 2024, 2325, and 2245.

18. The method of claim 16, wherein the cell is a breast tissue derived cell, and the
5 differentially expressed gene product is encoded by a gene corresponding to a sequence of
at least one of SEQ ID NOS:36, 44, 45, 89, 146, 154, 159, 165, 172, 174, 183, 203, 261,
364, 366, 387, 419, 420, 496, 503, 510, 512, 529, 552, 560, 564, 570, 590, 606, 644, 646,
693, 707, 711, 726, 746, 754, 756, 875, 902, 921, 942, 990, 1095, 1104, 1122, 1131, 1142,
1170, 1184, 1205, 1286, 1289, 1354, 1387, 1435, 1535, 1751, 1764, 1777, 1795, 1860,
10 1869, 1882, 1890, 1915, 1933, 1934, 1979, 1980, 2007, 2023, 2040, 2059, 2223, 2245,
2300, 2325, 2409, 2462, 2486, 2488, and 2492.

19. The method of claim 16, wherein the cell is a colon tissue derived cell, and the
differentially expressed gene product is encoded by a gene corresponding to a sequence of
15 at least one of SEQ ID NOS:33, 65, 228, 250, 252, 253, 280, 282, 355, 370, 387, 443, 460,
491, 545, 560, 581, 603, 680, 693, 703, 704, 716, 726, 746, 752, 753, 1095, 1104, 1205,
1241, 1264, 1354, 1387, 1401, 1442, 1514, 1734, 1742, 1780, 1851, 1899, 1915, 1954,
2024, 2066, 2262, and 2325.

20. The method of claim 16, wherein the cell is a lung tissue derived cell, and the
differentially expressed gene product is encoded by a gene corresponding to a sequence of
at least one of SEQ ID NOS: 10, 54, 65, 171, 174, 203, 252, 253, 254, 285, 419, 420, 466,
491, 525, 526, 552, 571, 574, 590, 693, 700, 726, 742, 746, 861, 922, 990, 1088, 1288,
1355, 1417, 1422, 1444, 1454, 1570, 1597, 1979, 2007, 2024, 2034, 2038, 2126, and 2245.

25

21. The method of claim 16, wherein the differentially expressed gene product is
encoded by a gene corresponding to a sequence of at least one of SEQ ID NOS:648 and
1899.

SEQUENCE LISTING

<110> Williams, Lewis T.
Escobedo, Jaime
Innis, Michael A.
Garcia, Pablo Dominiguez
Sudduth-Klinger, Julie
Reinhard, Christoph
Giese, Klause
Randazzo, Filippo
Kennedy, Giulia C.
Pot, David
Kassan, Altaf
Lamson, George
Drmanac, Radoje
Crkvenjakov, Radomir
Dickson, Mark
Drmanac, Snezana
Labat, Ivan
Leshkowitz, Dena
Kita, David
Garcia, Veronica
Jones, William Lee
Stache-Crain, Birjit

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Products II

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gaacaattcc ttgctgaatg tatttgcaga tcaacctaat aaaagtgatg caaccaatta	180
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gctgagatca ttacactgca ctccagctg ggcaacagag tgagactatg tctcaaaaaa	180
aaaaaaaaaa aaaaaaaann nnnnnnttn aaanntntng ggggnctnnt nncnnaaanc	240
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angnntnaan ttcngtncct tttgaaccn gatntntnctn naaaattncc cttncctanc      180
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angntgcctn ancnnacnng nangttcnaa aaaccccngt ttnaaacnng gccncaggnt      180
ttnnnannnn acagatattc tggttccaga tgtcttgtta gttaacctgc ctccatttcc      240
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<220>
<221> misc_feature
<222> (1) ... (281)
<223> n = A,T,C or G

```

```

<400> 17
agggatacgt gttgtnttaa naagtgannn nnnngcntnc anggtgncng tcantcctat      60
aagatatggc anctgntnag ccctttaagg ncccttnagc cncnggctac ccgtttacct      120
cagatnangt ttantaangn gtaagtttta atcnggaagg ggggangngg tgttngnagc      180
tccagtaatn ttnttantna anaatacccn tcctcttgna ggctcccnag tntcccagcc      240
ccatnnanaa ngntnngnaa gnnncagacc atgtacagcc n                          281

```

```

<210> 18
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 18
ggtaaatggc agcccatcc ttgaactgag aaaacagggt taaagagtcc ggtgactaac      60
ccccagaaag cagagagttg aagatgaaat cagaacctga gtctgggttt cctgacatcc      120
ggcaggttca accctcagac cacagcttat tagctatgag cgcagatggg tctagcgttt      180
atcctccctg ctctgtgta aatcagggct gatggggcga cagggtggga aactcacctg      240
ggagaacagg gctctacttc cttaggcaag tccttgata agcaagcctg gtctgtcct      300

```

```

<210> 19
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 19
atacaaatac tacgttggac gcaaggctat gtttgacagc gattttaagc aagatgctgg      60
ttatgttgac ataggaaatg gagattagga caacatttag ttcagcgact gacttcatga      120
cctacacatc ccgcatggag atgacttaga agcaggggat atgcccttg accctgggtgc      180
aaagctctcg tttaaacagc ctctgtcagt gtgtcgtac cacagagctc ctgtttaaac      240
agcctcgcac ggcgtgtcgc tgccacacct gacactattg tattagttaa cgttgctgag      300

```

```

<210> 20
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 20
tggagggtgct gacgccaggt aggtcagcag tagaccagc cccaaccac aagtttcgct      60
ctccagactg cgcaagcgca aaggatacga aaacgcccc ggcgttctgg gggctgggac      120
cgaggaaagc gctgagtata gctcttgccg gtccagtcac aaatgacgct cttctgtac      180

```

```

cccgccctgt aggcgggagc atccaatcaa ctctgagagc gtaggcccc cctatcgtgg      240
gtcagattgc ttggcggtcg tggttccgga ggttcctcgg gatgtcgggtg gccttcgtac      300

```

```

<210> 21
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 21
gtccttttga accaccccaa agaactcaac atggcaaagc aaatggtaaa agcttcccga      60
ctgttctact ttgggtccgc gcgaagccca ctacagtggtg atctgtgttg cccctgggag      120
gcccggggcg accggaaaag ggctctctca agttctgaaa agagaatctg ccaccagatc      180
gaatttcgac ccctgagctt gttcggacgt atggtcctaaa ttcagattaa ggtggtcacc      240
caaccgcaga tgtcaggaaa ggccttctgc agagaaaatg tccccccacc cgccatctgc      300

```

```

<210> 22
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 22
ctgcacctca agaacgctag accactcgcc accagccttc tcattccctc ttcctccatt      60
ctaatacttt ctagctgggt ggctcctca gagcatagga aacctgaggt caggaattcg      120
agaccagcct ggccaacatg gtaaaacccc atctctacta aaaatataaa aattagccag      180
gcatggtggc gcacacctgt aatcccagct aatcaagagg ctgaggcagg agaattgctt      240
aaatctggga ggcggaagt gacgtgagcc aagatcgcg cactgaactc cagcctagge      300

```

```

<210> 23
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 23
aagttcaagc aatgattaat ctagcttccc tcctggtgga tgactgagge ctttgcttga      60
ggacaacttt aaagagatat tgaatgaagc tatgatacct gtagcagtta ctgccatttt      120
ggacccataa actgacaatc cttaaacatt accaggaggg cagagcggaa agaacattga      180
tgtcatcact gagttgctgg attaccttac tctagaaata gccaaactctg catgtttggg      240
tattttttta aaaagtcttc tttattattt acatcatttt gaatgggctc taactctage      300

```

```

<210> 24
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 24
agtcaatcca aatgatttca gagacctgac ttgtctgttt gaccactctc agcttttttg      60
tatcagactc ccttcactgg ctcccaaaaa ctccagggcc atgtttctgg aacagtggaa      120
agcaggggaaa tagaaatggg gcctcaggaa ttagaaataa ggctttggca ttcaaatgtc      180
gcacctagca tgctgtgact agcgataagt gtgcaaggag tgttgaagca gtaggaagac      240
ttgtggtgag gcggggcagg ggaatnnnnn nnnnnnnnnn ncagagacca nnggcctttc      300

```

<210> 25
 <211> 281
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (281)
 <223> n = A,T,C or G

<400> 25
 tggtcctgtg ccagaaagaa agttaaaata cttgcttaag aaagggaggg ggggtgggagg 60
 ggtgtaggga gaggaaggga agggnnnnnn nnnnnnggcn tacnttttcc tacatttcan 120
 tntccctttt ncctatctaa gcngtncat ctngtcaatn cacttntcnn tnnnttaacn 180
 ccnttcnnn ncanctttcc cttntectn cctntatact nttgctntga nntgctgncc 240
 anantgttt cccttctctc atcctnncat accccttact t 281

<210> 26
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 26
 cgaggcagtt agctagtgt ctgtgaaata aaataactaat gattgaactt tctaggaagt 60
 acctattctg ctaatagtgt aaatatacac ttatccaggg tcagaaatac tcaagtttac 120
 ccacttaaaa gatctagaaa atacatgaac ttgggcttac ttgccagtta aaattgttta 180
 tctcagaatt gtaccatcac cttaattaaa gtagatatgc taggattatc ctgataacta 240
 attaacatag cttttccct tagtgttctt cacctgaatg tagtagtgga ctcttcaagt 300

<210> 27
 <211> 277
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (277)
 <223> n = A,T,C or G

<400> 27
 gtgctgcaga caacacacct tctgatgga ggtgtccggc tgatggagaa gtctgtgggc 60
 ttgtaaatac tctttgatgt taaccaggcc gacgtgtgg ccacattccg aaagattaac 120
 cctgtcaaac cctannnnnn nnnnnnnnnn nnggatttg atnagcctgt nccanaccte 180
 tgcagcctn ancggtnngtn ntaccatagt ggggatgacc ctctgatact ttgncttggt 240
 ngancatgnt gacanngct tctacagctt nngggac 277

<210> 28
 <211> 293
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (293)
 <223> n = A,T,C or G

<400> 28

tggeatcanc	nagccgtgca	gtccgctntt	cactgttnna	nggcctccna	gtgnntcana	60
gcattggacc	catctntanc	aaaagtngag	gccaaaaagn	tnagtgactt	gacaagtgnc	120
agagtaaccg	tgtagacaga	gcagtgtana	cagaaatcaa	ncntcagtc	cangngtana	180
cctgatcntg	gngatcactg	ccctgagtgg	cttgccagca	cagccagngc	catcagtaat	240
ttgnangacn	tancacnnnc	nnnnttaagt	taaaaaaccc	ccattnnnna	agg	293

<210> 29

<211> 300

<212> DNA

<213> Homo sapiens

<400> 29

ggctaacttg	ccttggttta	ctattgatgt	ttgtgtcctg	tgctcctaac	actttaagca	60
gcgtgttctc	acctaaaggc	taatagtttt	aagtaagttt	ctttttcttt	ttttaattta	120
aaaattaaaa	aattttta	taactttttt	taaattaaaa	aaaattatta	attattttta	180
atagacagga	tcttgctatg	ctgtccaggc	tggtcttgaa	ctcctgggct	caagtgatcc	240
tcctgccttg	gcctcccaaa	gtgctggtat	tacaggtgtg	agtcactgca	cctggccaag	300

<210> 30

<211> 281

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(281)

<223> n = A,T,C or G

<400> 30

ttaaaggatt	taaggannna	nanntncttn	tggtttgccc	nttcnaccnn	tnctggggga	60
aangannncn	nannaggtna	ttctnnttcc	ctnangccna	nanggnaacn	tggnntgncc	120
ttaaactntt	gnnttanatn	gggtanntgn	ntttttnaaa	antnggtgcc	ntnaangann	180
ntttgagctt	tgtagtagat	tatgctgcat	cctcgtggca	aaattctgta	ttcttagtga	240
ttgttacaaa	cccctttatt	gctgtctgag	aaaggaaa	g		281

<210> 31

<211> 300

<212> DNA

<213> Homo sapiens

<400> 31

gtcaagggct	gcatgaagtg	cgagggccga	agagtctgtg	tggaactcagt	gggacatggg	60
cgtggaagag	cagggaggtc	tgaatgggaa	gtaaagacac	agatgcgggt	atgcacacag	120
ttctttgaag	atgctcggcc	gaggagacaa	gagtaatcag	gtcaggggca	aaaaggggta	180
ctcgctgag	gaagtaaaca	ttggatgtcc	acagctcaga	gttagttcaa	ggtcacattc	240
aaattagata	ccccgatttc	ccccggcctg	ctgtctaaat	gccaaatcaa	gtcatggctt	300

<210> 32

<211> 300

<212> DNA

<213> Homo sapiens

<400> 32

gagcagaaac	gcaagatatt	tccctttgct	ggctaaacag	aagcctgggc	accagaaatg	60
tgatatcctg	accaatgttt	ttgcaattct	ctcagcgaag	aatctttctg	atgccacagc	120

```

cagtattgta atggacatag ttgatgacct tottaacctt ccagatttcg agcctacaga      180
aacagttttg aacttgctgg taactggatg tgtataccct ggcatagcag aaaacatcgg      240
tgagtctatc acaataggag gaagattaat tctacctcat gtacctgcaa ttcttcagta      300

```

```

<210> 33
<211> 286
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(286)
<223> n = A,T,C or G

```

```

<400> 33
gtccagggcc cangttttta tttnttttta aaaagcttta ggtcttgccg ggacggtggt      60
tcacncnnnn nnnnnnnnnn nnnnnnnnagg cctaggcggg tggatcacao ggtcagcagt      120
tcaagaccag cctgaccagc atggtgagac cctgtctcta ctggaaatac aaaaaaattg      180
gctgggagag gtggcaggca cctgtggtcc cagctacctg ggaggctgag gcgggagagt      240
ctcttgaaac tggaaggcag aggttgcggt gagccgagat tgcgcc                      286

```

```

<210> 34
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 34
gtagggtgaa agcctggtca gctattctgc aagacagtca aaaattggtt acagggtggt      60
acagcatatt gctattgaaa aatagctatt aggagacctt gcacaatttg tgaaacattg      120
ttaggctcat tgtactgtgt aaaatcagga aagaatttgg gaacatactg atacaacaaa      180
aagatagggt gtcaaaccct cacttcacca gaaagctaaa ttaaccagat aagtctttct      240
gaannnnnnn nnnnnnnnnt ttgntcctgc gctgtacnna naccttanana tgggtaatct      300

```

```

<210> 35
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 35
attgaggaag atctaggtaa aacctttaag ttaaccttct aagtctcaga cacgtaaacc      60
caagtgtggc aaaggaactc attgctctcg aaatgcata atgttggttt atagactgca      120
aactcaagaa aagcccaaca ctactgttca agttccagcc tttcttcaag agctgggtata      180
tcgggataat tccaaatttg aggagtgggt tattgaaatg gctgagatgc nnnnnnnnnn      240
nnnnnnnaaa ggaaaagctn ancacgaaga ggntaaggag ctgtaccaa gggtacctgc      300

```

```

<210> 36

```

<211> 294
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(294)
 <223> n = A,T,C or G

<400> 36
 gcttggtcac ccccgaggag agcaggaagc tgcggttctg gaacctggag ttgagagcc 60
 agtctttcct gtatagacag gtacggagga tgacggctgt gctgggtggc gtggggctgg 120
 gggctttggc acctgcccag gtgaagacga ttctggannn nnnnnnnccc ctggncaagc 180
 acnacacaca tgtngcccca ncccacggct tantcctcan ntcacgcgct gtacnggaac 240
 ctctncnctg cctnctgcac cctgcaggnt nnaaactacn gcacccactg ataa 294

<210> 37
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 37
 gtgaatgctg tgctgtggc cccacctgtg tgtgatgtcg ccagaacca gccgactcct 60
 tcagagaaaag ctgcaggagt cctggagggg gcccttgggc cacatgttgt cactaacctt 120
 tatctctatc caatcaaata ctgtgctgca tttgaggtga ccaggtggc tgtatgaaac 180
 caagggctgc tatatgaccg gagctggatg gttgtgaatc acaatgggtg ttgcctgagt 240
 cagaagcagg aaccccggtc ctgcctgatc cagcccttca tcgacttgcg gcaaaggatc 300

<210> 38
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 38
 tcttgttcaa cattatatcc ttagggatta gtacataggc ttgcaaatac caggtatgaa 60
 taaaaaatta ttgaatgagt aaatgaattt aaaatataag ttacttaggc ggtatcttca 120
 ggcataatctg tgtttatgtg gtattcaatg gccacaaaat gtctacatcc taattcctaa 180
 gatctgtaaa cattaatttg catgacaaaa gagactttac agatgtgatt aaatgaaagg 240
 attttgacat gcagataata tctgtattc ttcatgtgga accaatgtat ttacaagggc 300

<210> 39
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 39
 cttctgcccc cggcacttgc catgttccag tggggggcag atcctcagga cttcacgggt 60
 atggttgcca gctgtgttcc tggcccttgg acacacagtg tggcatcctc atgtttgcac 120
 actttcccca ggtccagtg gcctggatgt caatgtttac aaaggggcaa ggacctctca 180
 tggacactgg cctctagccc tctgtttttg tttgatgaat tctgttataa cctatggggc 240
 caggatatga gtccctgggca ttatttatcc aggacccatc ctcttgggtg ggttttgggt 300

<210> 40
 <211> 285
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(285)
 <223> n = A,T,C or G

<400> 40
 aatttcnctt tennagnttn cgnnecggnet taangntttt tngggcnaaa gncccentnn 60
 ggngnctant ttgtgatncn gngngaaaaan attttttctca ttctgaggtc cacatggcac 120
 cttctggggc agcagctgtg gccggtgtat caagggcgcc cttaaagctg gaacattcca 180
 gcaagcttct tgcgcttctc tgcacccggc aggccactt tcttggcacc ctcgacttta 240
 tataaaagtt gcactgcgtt tcaaaaaccc acccctgaag aataa 285

<210> 41
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 41
 gtttcattta agaagaatga gctagataaa tgtgtctctc tgggttaccac accctgacag 60
 agtgcatttt tacacggcta gcaggggttg agactgcagc ctggcctgcc agccattgga 120
 ggtgtttaag gaagggcaga taatgtgact ctttgcgggg tgccatctgc ttaccatta 180
 gcgagcagag ggggtttctg cgggtgaccc ccagcatatt tctaggttac ttatgggcag 240
 atttgtaagt gacaaaactc cagctgatgc tgggaatggg gagagggccc ttgagggact 300

<210> 42
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 42
 cgtctgtaat cccagctgct tgggaggctg aggcaggaga atcacttgaa ccctggaggt 60
 ggcgggtgca gtgagcacag atcatgccac tgcactccag cctgggcaac aaaacgagac 120
 ttctgtctca aaaaaaaaaa nnnnnnnnnn nnatcctttg gncgggttct cccaaattnt 180
 tttgaggggn ccatggncaa cngcttnagc tttgttttgg caaccccntg ccnaagnen 240
 catataggct gtncttnacc ttgtttccaa ggctgaggan canaaagtan cctntgtttt 300

<210> 43
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 43
 ccatagcctg ttgagtgttc ccagatgtga ctcacctttc tgctgccctc ttcatgcagg 60
 cctactgact cataattcac ttgtcccaaa agccacccca caagcctgag ccaacctgct 120
 gcctgacgcc acagtcattg gcagaggtct gggcattatt aatctataaa aatccatgct 180
 ttacacctgg acagtacaca gggacttcag agattgcacg ttggaataca ttctcccaag 240
 actgaggttg ttcgggtttta attcctgtag tccaatcaca caatttctta tggaaaacct 300

<210> 44
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 44

caaaagataa	tgtgaaactg	ttggtggact	ctctggtgag	gggtgggcag	aacttgctgc	60
tactagagtt	cttggtttct	ccatgatgtt	caccctgggg	ctggccact	gtgtcctgaa	120
tgtttttgtt	atTTTTTgtt	ttatTTTTta	aacaaactgc	tgTTTTtata	tacctggaat	180
ctgttggttg	cttcagagcc	agtgggtaaa	gagcaggggc	ccaaggattg	ggagatctag	240
tgtctgctct	cctgccctgc	aactcaattg	ggcctTTTTc	ggtgacctca	tccaaggcca	300

<210> 45

<211> 300

<212> DNA

<213> Homo sapiens

<400> 45

cttgatggca	gtagaaagac	ctcattttca	taacataact	actcttgata	ctttctttaa	60
aaacactttt	tattaaagat	tctatcatga	ggtattttggc	tgggagctgg	gaggctaaag	120
cgctcatgtc	ctggctcttc	agtgaattta	actgtgtgac	cttgggcaag	tcacttaacc	180
tctctgtgct	tcagtctccc	tgtcttgtaa	aatgggagta	atacctacct	cacagggttg	240
ttgtggggat	taattagaga	taatgtctgt	aaagcattta	aggttcttga	agaaggcact	300

<210> 46

<211> 300

<212> DNA

<213> Homo sapiens

<400> 46

ggccgggttat	tctctcttta	cagatagcta	tagacatcat	tttaggaagt	gttgagctct	60
ggcattttgtg	ctattgttca	ttctctgtga	aggctgttca	tagttgctat	agcctgtgtt	120
tagttttgtg	atttcatcaa	tcccatcttt	ctgtgtgagt	aatgcattct	aaacatccta	180
ccccacttta	gaaacggacg	tggggaacgc	ttggtcattt	aagccaacaa	taaatttagg	240
tgaatgtccc	taagtgttta	ctgtttttat	ccagtcaagg	atttgctttt	ccttgaacat	300

<210> 47

<211> 300

<212> DNA

<213> Homo sapiens

<400> 47

gttatattaa	attattcttt	gtttttcttt	ttcttttaat	aaagcctgca	agttactaaa	60
ttgtagtttc	ataaattctg	tagtaaagta	tcactctggc	agtgtgccaa	aggtgaaaat	120
gatgctttct	ctaacagaga	aattcttagt	gactccagtc	gtagaaaaac	gtctttacaa	180
cctgaataag	attgaagaat	tgtgaacata	ccatggccta	ttggatgaat	catttgccgt	240
aggctaaatc	agactgtagg	gtttgcgatg	gatttatgga	gtatgtgggt	atagaaatca	300

<210> 48

<211> 300

<212> DNA

<213> Homo sapiens

<400> 48

gatgtcacta	gacaactggc	agtttaatgc	tcacaccct	gaactagaag	aggttccaca	60
ggatccctgg	ccaatgccag	ggatctttag	gtcagcagtc	atgtcaagat	gctctgattc	120
tccacaaacc	cagcttcttt	cccaaactgc	agggaggtcg	gtctgcagtg	acttacctag	180
tattttgttg	tatccctggc	tcacagtgtc	tccccggctc	aggatcttcg	aatcgaaatc	240
ccatgaagca	catattgcag	tgctctctga	ctctcaccct	tgaaatagag	ctggtgggat	300

<210> 49
 <211> 297
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (297)
 <223> n = A,T,C or G

<400> 49
 ctgtttcnnt cctaattgat agttagctga tttctgttgt ttttctctga naaccaatgt 60
 tgcaatgtgt ctttagtctg gatagctatt gttaaactgc ctacaaagtg agcagatcta 120
 ttaatatcag tttaaccttg ggcctttggg gtttgagagg acctttttct ctgcaaccat 180
 ctgtgggctg atttttgcat tttacttggtg ataacaaggg agggtaactg ccccttttcc 240
 atcatcccc aaaaggga aaatgagcac tagcataaaa gttcttttga gaaatat 297

<210> 50
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 50
 ttccttgggc actctaagtc agatagtcca gagccaggcc ctttgggatg tgacaccgag 60
 ataaatcaga gaaaagctgt gaagcttggg gaacagaggg accttttggg aagtaggtgg 120
 tctgcagttt ctatcttctt gggaaaagca agctggaaaa gtgaacagtg gttggttaggc 180
 catagtgtc ccagctgggt gacataatga ccacacagca cagtgatgtt attagcaact 240
 gtgtggtgga gtagttgtgg gctggacaaa tcaatcgtgg gaaattgtta ggagttttat 300

<210> 51
 <211> 288
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (288)
 <223> n = A,T,C or G

<400> 51
 agttctntta acaggatnnn atcgattcna attnggentn angnntggcc nccctggggg 60
 ncnaccaga agntcggana aaggcccaag gngnangcca cggccagcag tggtnattgc 120
 cccctactcc ttttttgagt ctatnagcat tgnttggttt tagctgtcat cagaagctgt 180
 gagggacca cagatttttg aaacgacctg gacacactat tgggaaggag atgtggacgg 240
 cctgtctcct cctgcagggc ccaccctaag aatgtatttt taaacaca 288

<210> 52
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 52
 agaaaggata atggagtthc tgtacaagat ttaccagaaa gagagtgggtg tgtagacatg 60
 cctggagcag acaccttgga gccgtgaca gaagggtgaag cagtccaaga aaatgtggaa 120
 acttttcgcg tgctctacac agtcacaaa cctgtccatt ttatttcggt gaagctttgt 180
 ctgagagata accaaataga cagtcaaagt aagttatctc agccacatat ggggagtggg 240

tgctgctgaa ttgtgattaa ttggggggagc catataggta catttggcat gatctgggcc 300

<210> 53
 <211> 298
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(298)
 <223> n = A,T,C or G

<400> 53
 gctactctta cgcactcacg ttcattaact gcgttctgat ggcagaaggt agacagcaac 60
 tggacaaggg tgaattttacg gagaagtagc tgggtcccgcg gacaaggctg gcatccaagt 120
 tcatcacact ctaccgggagc atacgggagc atggcttcta cgtcactgac tgtccccagc 180
 agcaggcaca accccctgag ggcggcggtt tgtgctgaga gctatgtaag cgcagcctnn 240
 nnnnnnnnnn nnnnnnnngt tgntacctt natcataact atggatatct aaatgcat 298

<210> 54
 <211> 268
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(268)
 <223> n = A,T,C or G

<400> 54
 agtccctgag aggtgggtggg aatgggtgct tcattcctcg aggatgcccg ggccccacct 60
 gggcttgtct ttctgttttag aggggaagtgt aacntatctg ccatgaggaa cataaattca 120
 tgtaangcca ttttctctta tncannncnt ntctttctan gtacantcnt tntctaggat 180
 ttgngaagct ncttgcnctt gnaacaggnc tcangtnngn gnancnnttt ngnnnttncc 240
 ncnntentg ntgntttttt cntntnnt 268

<210> 55
 <211> 278
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(278)
 <223> n = A,T,C or G

<400> 55
 aatgtgaaat ccacattggt tccacaggca ccatcagtaa tgtcgaacaa atggagaaag 60
 ttgcaggtgg ggctaggaaa gctgtattcc tgtggattac tctagctggt catttgcccc 120
 gattgtgaac tgcttgaaag aaaaacgaaa cttctaagat gtttgcctt tcatgtcctt 180
 tctgttggga tttcttattt ggngcncttn nctgnntanc nttnnnctnn ttnattnggg 240
 nntcctntna nctnttgtnn ncatcgnnta agttagtt 278

<210> 56
 <211> 254
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(254)

<223> n = A,T,C or G

<400> 56

ggaaattggc ctataccagg agagcggatc ccagacgtgg ctgcattgtc catgggcttc	60
tctgtgaaag aagacctttc ttggccagga ctgcagtggt gtaacctgtt tcatcgtoct	120
cgggctaccg tcatggtgat ggtgaagggg gnnnnnnnnn nnnntntacn cncaggcntt	180
nnntnttnat nncennngtc nccttnncan tnnatnttna ntncnnnnnt ngnagntatc	240
tngtcgtntt cctt	254

<210> 57

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 57

gagacatcat gtcaacagaa atggagatgt gcactgggga aactgccggc cgggccgctg	60
gcccgtggac gcctgggagg tggccaaggc cttcatgccc cgaggactag cagacaaaca	120
aggacctgag gaatgtgatg cagttgctct ttttaagtct atcaacttct nnnnnnnctn	180
tgnngcnnat gtntacantg ccaccaacgt gnttntgtgn actcgcncan tcatggacta	240
tctctatgat natgannntt ctagganct ngnggataat actacnttnn antccttctg	300

<210> 58

<211> 300

<212> DNA

<213> Homo sapiens

<400> 58

acaaggtgct ggcagtgaag tgggggcaga ctgagcctgt gtagtgaagt gtcttgagga	60
acgtcagctg tatcttttag gaaacaaaaa ctgcatagac attgaacca ggcagaaggt	120
catgaagtca gagctaagaa atgctagtgg ggataggggg tgagatagag ttgggaaatg	180
tttcagagct acaggtgaca gttgttggtg tccagttgga tatgtaccat gaagggaaga	240
agcagtcaga gtgggcacca agctttctag cctggaggac tgaatgggtc tgtgcacatt	300

<210> 59

<211> 300

<212> DNA

<213> Homo sapiens

<400> 59

ctctcaaata gaaatgggag ataagaaata tatctgtgca atattaaatt gaaaaaaaaa	60
acccataaaa agtgtcaaag gcaataaatt tgctctagat cacaaaacta gttagcacia	120
ggctaggatt ataaccaggg tctaggaaaa aatcctgaag gtgatttaac tgagtgttag	180
gccctgtcaa gccacctgct aaggctcatg gtctttcaga ctagcttcaa cattccaaat	240
caggcaatag ctacaacgga aagataattg gacggggaat cctgagatca gagtccatg	300

<210> 60

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 60
 aacgtgctgt acaccagcct gcccggtgctc ctcatggggc tgctcgacca ggtaggagcc 60
 tcgcacaagc agggacactt ctggacagat gagaatgcgt tagagaagtc ccaagcaaac 120
 gtttcaatgc attcttctgg tgtttacttc tttctgatca aacctatta taattctggt 180
 gtcaggcatc aagggtcatt gctgtgcttc ttgttttgta ataaggaaag aggatctctc 240
 tgtagtccca gctactcggg aggctgatgc aggagtatga cttgagccca ggtgttcaag 300

<210> 61
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 61
 ctgttcttaa ccctttcaac tgggggggtct caagtgggtg aggactccat ggccacggca 60
 gcagaactgt ctcttctgaa aaccagactc cggggccctt gggtcagcac ctctaggtca 120
 ttccacagac ttacacagtt taaagaaaga gccagcgaac atgggggtgat cctgggggtgc 180
 cactgggata ccaagccagg ccgggaggtc tgcctgtttc gtcccagaa acttgagctg 240
 gcatcctccg ttggtttgca ctgggcacgg ggactggaga gccaccaggc cactgagcgc 300

<210> 62
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 62
 cctgtctcca ggtctccctg tcccccttgc ctgccttctt ccctgtctctg tcccctaagc 60
 tccttccagg cagggaaaag aggccagggtg ctaaaaatga gcctttctca agcacgtgag 120
 cagcggaagg cagacaggcg ccagagccca gcactccctt ttccagcagc tgtgggtggg 180
 gagggttccc ctccagtttg tcaagagttg aaggaggctc tgtggccagg tgacctggct 240
 gccttccact ccttgtacct cagtctaaac atggagtggc cgctgacaag gcgtccagc 300

<210> 63
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 63
 cccactcgg ggtatgtgaa tgcccagctg gagaaggaag tgccatctt caciaagcag 60
 cgcattgact tcacctctc cgagcgcatc accagtcttg tcgtctccag caatcagctg 120
 tgcatgagcc tgggcaagga tacactgctc cgcattgact tgggcaaggc aaatgagccc 180
 aaccacgtgg agctgggacg taaggatgac gcaaaagttc acaagatgtt ccttgacct 240
 actggctctc acctgctgat tgcttgagca gnacggangt ctttacgtga accacttga 300

<210> 64
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 64

gagttttttg	tgatattgag	gcattcatatc	agagctgcag	ttagacgggg	ttacgggggc	60
taaaagcaga	aaaaaaattc	catttcacgc	ggatggaact	gaaggatttt	attctataaa	120
gcggccctgg	ttgaatctgg	caattctttt	tgccaagatc	cctagcagaa	gatttagcca	180
tgctcttccc	ctcacttggt	tgagtggccc	cttctgaatc	tctccagcag	ccagaggcac	240
cgtgagaagc	agaaagagct	ggtaaataaa	gccttgggca	agcgacttct	tagatcagaa	300

<210> 65

<211> 299

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (299)

<223> n = A,T,C or G

<400> 65

cacctgacct	tgccctgcac	ccccggcagc	tccccacac	ttttgcgctg	gttccacgac	60
tgccctgggt	tttgccactt	gccgctgagc	ccaggtgaag	atcccagact	gggccttgaa	120
atgacagcag	ggtttgggct	tggggggaatg	agaggttaca	gcnnnnnnnn	nggccatgan	180
gggcanaanat	tgatccccac	atatttgann	ngngcngaga	ncccttttng	gggggngtaa	240
angtacaacn	angaagcnc	nttaggacta	aggtttaana	aagntgcttt	ttaccatt	299

<210> 66

<211> 300

<212> DNA

<213> Homo sapiens

<400> 66

atttgtacca	actgtaccat	ctgcttgcca	ctgctccaaa	cttttacc	cttgcctttg	60
gtaaaagagg	cacctgcgta	tttaaaatat	ccttttgtaa	tgtattggga	aggtgcgaga	120
acatatgaaa	atgggtgtca	atggagatgg	aaggggcttt	attctcactt	aagagagccc	180
tgaggaggaat	aagggtttat	ctggatcagg	tatccaattg	cattggataa	acgtggcctg	240
aggcaggata	aaatttataa	acacaataat	aagcctcctg	gtgacatctc	tgctcctttt	300

<210> 67

<211> 297

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (297)

<223> n = A,T,C or G

<400> 67

tgtatcggtt	cctgttccag	ccggcatcgc	cgggtgggtt	ccaggcctca	gagctgtgtg	60
gcaggggccc	ctgctggggc	tgacatcac	tgagctccag	tgcaaagccg	nnnnnnnnac	120
ccagggtgtc	cccccaacta	aacnaaactg	gnggcttgga	agccccnn	natgggaang	180
tncaaaaaaa	ggtcttggtt	ttctcttcta	atgcctttct	taactcctga	antcgtttgc	240
tcctaaatct	tggttaattct	ttttctctgg	attttgggtt	cttttgggtt	tcccttg	297

<210> 68

<211> 300

<212> DNA

gttcagggtt ggtgggtctg tggaccttga gctagttttt aatcaacatg gaaactccag 60
 tgatctattt aaaaacttgc attgggtcat gccagggtta ttggagggtta taccctccaa 120
 tgtattttcca actcagggtt aaagccaagg tccttatggg ggaagatggg gcatataaac 180
 tggcattctg gcgctcacac actccaatat ctactactct cccctcttgc tcgctcagct 240
 gtggcttgct tattcagctt tttgctcttc ctggaataca tcaaacatat gtaggcccag 300

<210> 73

<211> 300

<212> DNA

<213> Homo sapiens

<400> 73

ctttgaagag aggaggggga ctttagagag ggatgaaaat gagccctggg agggaggaag 60
 ggacgaggag ggggtggctgc atgttaccgt cccctacctc tccccacgtg gaggggtggag 120
 cagttatgag ggaggaagtc aactgctgtt cagcctcaga ataaagggtg cgttcactgg 180
 ctcagttacc tcctgtgtac cggcatcttg tgttgggaat gttccccct ccctagggac 240
 caaggaccac ccctacaaaa agagtaatgg ttgggtgata ctccctcaag ccaaagagga 300

<210> 74

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 74

gggattaaca atgctgaagg actcttagta gtagtgactg tcactctgtg ccctctaact 60
 ttcttgagcc tcacacacaa cctgtgggca ggatggagta gatcatgttg ctgactgctg 120
 ccgtaggcaa gtaaattggag ccagaaagtc ccactgttga cagggtgcca cagctgacca 180
 gggactgtca ttctctccac ccacaggctg tggaggggtga ccacagcatg tgcccacctc 240
 caccaatccg caacgagcag ccggnactgg tgctgnggca gaggntgccg tcattgcccc 300

<210> 75

<211> 300

<212> DNA

<213> Homo sapiens

<400> 75

tgggggctct gaagtttcac cagggtggacg ctggggagcg ggctcccag cacttgtcta 60
 cctcccgcga gtcctgacaa cttttctggc caacctaccc agcttcgctt ggctggcgag 120
 cgcactctgt gctgggggtc gcggtgcaga tggagacgca gtggtggcca gaggggtgatg 180
 gagaagacgg gaaaagcgac agccacgctc ctggctgaag ccgcaggacg caaataactt 240
 actttgtacc tgacagtttc tcacgttggt gtggaggccc tgtttcctgg aaataaactc 300

<210> 76

<211> 300

<212> DNA

<213> Homo sapiens

<400> 76

gcagggcagg gctaaagttg gaaatggaaa tgaaggagca ggtagccatg cagccttgtg 60
 ctttcacgca acagggtgga cacttggtcc caagaggacg cagctgaaag accctctggc 120
 agggagaacg tgtgaggact ctgtggtgga ttctgagttg tgccctctctg gcttaatctc 180

<213> Homo sapiens

<400> 68

ccccactcgg	ggtatgtgaa	tgcccagctg	gagaaggaag	tgcccatctt	cacaaagcag	60
cgcattgact	tcaccccttc	cgagcgcatt	accagtcttg	tcgtctccag	caatcagctg	120
tgcattgacc	tgggcaagga	tacactgctc	cgcattgact	tgggcaaggc	aaatgagccc	180
aaccacgtgg	agctgggacg	taaggatgac	gcaaaagtgc	acaagatggt	ccttgaccat	240
actggctctc	acctgctgat	tgccctgagc	agcacggagg	tcctctacgt	gaacccactt	300

<210> 69

<211> 300

<212> DNA

<213> Homo sapiens

<400> 69

ccccactcgg	ggtatgtgaa	tgcccagctg	gagaaggaag	tgcccatctt	cacaaagcag	60
cgcattgact	tcaccccttc	cgagcgcatt	accagtcttg	tcgtctccag	caatcagctg	120
tgcattgacc	tgggcaagga	tacactgctc	cgcattgact	tgggcaaggc	aaatgagccc	180
aaccacgtgg	agctgggacg	taaggatgac	gcacaagtgc	acaagatggt	ccttgaccat	240
actggctctc	acctgctgat	tgccctgagc	agcacggagg	tcctctacgt	gaacccactt	300

<210> 70

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 70

gtttgtttcc	ccgagatgtg	aacttgctga	aggaaaacag	tgtaaagagg	aaggccatac	60
agagaactgt	cagctcttca	ggatgtgaag	gcaagaggaa	tgaagacaag	gaagcagtga	120
gcatgttggt	taactgccct	gcctactaca	gtgtgtctgc	tccaaggct	gagctactga	180
acaaaatcaa	agagatgcca	nnnnnnnnnn	nntgaggaag	aggaacaggc	anatgtcaat	240
gaaaagaagg	ctgatctcat	tggaagtctc	accacaagc	tgagaccct	ccaggaggcg	300

<210> 71

<211> 300

<212> DNA

<213> Homo sapiens

<400> 71

tcaggccgct	gggtgacggt	gtgctggcca	gatagtctct	ggggctgcag	gtggcttctt	60
tcgccccatc	cctcccatcc	cctttcattc	ttcctgtcaa	cacatctcag	accctggaca	120
ccgaatgagc	cgtcggtacc	cacacccag	ggcaattcag	tggaggggta	ggtggctcgt	180
tccccacgt	tgccccagga	agaggacct	gtccccggca	tcctgaccca	cctcccttag	240
agaccgagag	cctctaagga	taaaccatt	caccctgtgt	tcagaggctt	ttttttcctc	300

<210> 72

<211> 300

<212> DNA

<213> Homo sapiens

<400> 72


```

atctgattct agcagtaact ccaagaggta agcacatttg tgagtcctgt tttccaatgg      240
aaaagctaca tgaggccac caggtccag aactcaacaa tgggtgggct ggggttcaaa      300

```

```

<210> 77
<211> 296
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(296)
<223> n = A,T,C or G

```

```

<400> 77
aaaggaccta agtgtgaaat acccgaaga cgtcccatc acccttccaa acctgttgag      60
gttcattttg catcactcag acctgcttc cagccccag aatgtggcta actctcctac      120
caaggagtgt cttcagagcg aggcagtctt acagcggggg cacatctccc acttgagagag      180
agagatccag aaactgagag cagaaataag cagcctccag cgagcacaag tgcaggtgga      240
gtcccagntc tccagtgcc gentanntgn ntacnttgnt ngtnngtnnt gatttt      296

```

```

<210> 78
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 78
tgaaaaaaat cacagtcct gcagcaagtc tatgcctggg taacaacca cccacaaaat      60
ccaagaggag gtccccctct cccgcctctg tgaggcttga ggagcagtat gtatctgggc      120
cagcctggtc ctcatagtg ggaattaaca ccttctctct agcaactgtt tgtgctgctg      180
agaacagcac agactctctg gcagcctggt tctctccaga gggaagcctg tgaagcagaa      240
gaaacatatg gcatctgcac tcagggcgcc cagttccatc cggccttgct ataaaatgac      300

```

```

<210> 79
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 79
caaaaagctg ctgctgggca gccccagctc gctgagcccc ttctctaagc gcatcaagct      60
cgagaaggag ttcgacctgc ccccgccgc gatgcccaac acggagaacg tgtactcgca      120
gtggctcgcc ggctacgcgg cctccaggca gctcaaagan cccttcctta gcttcggaga      180
ctccagacaa tcgccttttg cctcctcgtc ggagcacgcc ccatattagt ggtccggggc      240
cgggcaggcc cagctcaaaa gagggcagac gcagcgacac ttgttcttac acaccccat      300

```

```

<210> 80
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 80
ctcccagcct cctcctccaa cgcccttttg atccaagatt gagtaagaga cattggcaga      60

```

```

tgctgagaag gacaacccaa ttgttttaac ttgcagaccg aggggggagat ggggttccagt      120
ctgcacatga ctctgtgcaca gtccccccac cccaccctga cttagaaaat tccaaaccga      180
ctacaagacc agaaacaaac cacatgccag tcgccccctt gtctgtacac acatgtggag      240
ttcagagcca cccttggaga gaggtgtctc aggcctcagct ccctgtgctg ggctttctag      300

```

```

<210> 81
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 81
acatagcccc caccctgag ggatgagaca gctccctgca ggcaggctgt gcccagtcac      60
ctcaagccta cagctgggct gctggctgca gggctctggag ggcgggtgggg aggggtggcag      120
acagagtagc aagaccccca ctccctggc ctctcttcaca gacctgcgtc atgcgggcct      180
gggaccgcag caagccctg ctctctgtcc cggccatgaa caccgccatg tgggagcacc      240
cgatcacagc gcagcaggta gaccagctca aggcctttgg ctatgtcgag atccctgtg      300

```

```

<210> 82
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 82
ggaagaggat gactgggtat gctgtgccac ccttgagggc catgaatcca ctgtgtggag      60
cttgggcttt gacccgagt gccagcgctt ggcgtcttgt agtgatgacc gtactgtgcg      120
tatctggcgt cagtatctac caggcaatga acaaggggtg gcatgcagcg gctctgacct      180
cagttggaaa tgtatctgta ctttgtccgg ctctccactca aggaccattt atgacattgc      240
ttggtgtcag ctgacagggg ctctggccac agcttgtggg gatgacgcga tccgcgtgtt      300

```

```

<210> 83
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (300)
<223> n = A,T,C or G

```

```

<400> 83
cagagctgta tcttcagtgg tgtgatgaag ctacagtagg ggagatcact catgctaggt      60
atggatctcc ttacccttgg cctctgaatc atattttggc ctatcaaaaa cagtggnnnn      120
nnnnnnnnnn nngtaaaaaa attttnggng gggggagaaa aaatcnggac ccggtgttan      180
aggatgtaga ccagtgtgt caagctctct ctcaaagact gggaaacaaa ccgtatttct      240
tcaataagca gcctactgaa cttgacgcac tggatatttg ccatctatac accattctta      300

```

```

<210> 84
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 84
gtccctacca aacctgtggc cgccactttt gaattctcag attgcctga attttggcac      60
ttttaataaa tgtgtgaat aagctcagca actaaaaacc attaccaag aacgtttctt      120
gtgagtgagc tgatttattc tgattcatta tattcctttt ggtagatttt atacccttg      180
gggaaataat acaacaaaaa catctcttaa aaatgctggg atggggccat atctactagc      240

```

agaggccaga tggtcagata tgatttctgc aaacccatct tgaccttgag tatgtgaagg 300

<210> 85
 <211> 300
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1) ... (300)
 <223> n = A,T,C or G

<400> 85
 tgggtgcccatt attgatgtgg atanacagaa agataagaat ggcgagagaa tgatcacaat 60
 aaggggtggc ccagaatcac caagatatgc agttcaacta atcaatgcac tcattcaaga 120
 tctgtctaag gaactggaag acttgattcc taaaaatcat atcagaacac ctgccagcac 180
 caaatcaatt catgctaact tctcatctgg agtaggtacc ccagcagctt ccagtaaaaa 240
 tgcatttcct ttgggtgctc caactcttgc aacttcacag gcaacaacgt tatttacgtc 300

<210> 86
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (300)
 <223> n = A,T,C or G

<400> 86
 gaattccatt accanatgct actngetctt tgttgettta tcncnangcc atcgattcga 60
 atnnaggacg agncganngg tatcgncann gatngntntn ntncgctcnt gacccatang 120
 cttngnatng ggatnnagng acagtntcnt gnnaaacatc tatnacnntn atganggcta 180
 tcnntttaat gatnttgaga atnatgacng gcttgatgac tanaacaatg cngaagatna 240
 ncgccactga tgggtggnaca tacttccctc ttttactact cgcctnacaa tcacaatctg 300

<210> 87
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 87
 gtgcgctgtc caggaatgac gtgctgaagc aggaggtgcc agagggcttt ccctttgccc 60
 atgtcctttg ggcaggatgt ggatgcagct gtcggggcag ctctgggtcat gtcctggaga 120
 cacctcaacc agaaggaatc ttagacagca aactctttcg ccaaacgact gctgtgaatt 180
 ttacctgatt aacattcctg acaccatctg tgggtcatcc tttccctgga ccgttcagtg 240
 gacagctttc aagcagtgtc tgttgtgagg tcccatcttg gccagaact taccttcaga 300

<210> 88
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 88
 ccaaggagtt ttccaccgt ctctcatggt cacagcgcta gtcattcatt tttgagaagt 60
 tgcttctttt acatcagaaa accagtcaat catatggaga cttcttttgt gatgaaaaag 120

```

ggcttttagaa gttaaataca tgcattgcaca tgaaaacatg cacaaccaca gcctcaatct 180
tgtatttagt ttggggaaag agaagagaat ttcctgtgga ttattttttc ctcaagtgca 240
cctctctggt taaccctaac tctgcaagaa agcactgtga ctaaaacata cataacgcct 300

```

```

<210> 89
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 89
agaaatcgga acaaaagtag aagttgtgga aaggaaagaa catttgcata ctgacatttt 60
aaaacgtggc tctgaaatgg acaacaactg ctcaccaacc aggaaagact tcaactgaaga 120
taccatccca cgaacacaga tagaaagaag gaaaacaagc ctgtattttt ccagcaaata 180
taacaaagaa gctcttagcc cccacgacg taaagccttt aagaaatgga cacctcctcg 240
gtcacctttt aatctcgttc aagaaacact ttttcatgat ccatggaagc ttctcatcgc 300

```

```

<210> 90
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 90
ttgattgtca taacaattag tggatgtgtc cagttctctg tatctttgac ttgatgcttt 60
atacatcatt tcatattgtt cttctaaggg aataagccat agaggcttct ccagggttaa 120
aagaacagta aagtacctgg aaaaccaaca tttttgaatg tatggacact ggacatgaga 180
tatgtacaat gaaatcttaa aagaatctaa gaatttgccc tctttgcccc actccaccca 240
gtaatttgac attactagtg ccatgtatag gacccaactg agtattagaa tcagttttgac 300

```

```

<210> 91
<211> 267
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(267)
<223> n = A,T,C or G

```

```

<400> 91
ataggaaagg gaagcccatt tcccagggtca aagcctttgc ttactcgttt atgtttattt 60
tatttttgag acagagtcta gctttgttgc ccaggctgga gttgcagggt caatctcggc 120
tcattgcaac ctccgccttt tggattcgtg cagttctcct gcctcagcct ccaagtgggt 180
gggatcgag gcacacgcca ccatgcctgg ctaatttttg nnnnnttann ggctgncn 240
gngaancctn nnnntnctn nnnntnc 267

```

```

<210> 92
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 92
aaaaattgtg atgtaagtgg tacagtgggg agaatttagg gctctcagaa tgcagaaaac 60
tagccacctc cagttctgtg cctgaccacc atctgacttt ggataaatcc cttctgctct 120
cccacctagc tttatcattt gtaaaatgag tctctaggta cagccctttc tgggttgaga 180
cagagtttct gaggagtaaa agccatgtca ttgtggaaac aggcagctat tctcacagct 240
ggcatgagcc cactactccc ctataatcag tgctgataaa ctgctctcat ttgttggtact 300

```

<210> 93
 <211> 277
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (277)
 <223> n = A,T,C or G

<400> 93
 agtgtatcca gatctaagta atctcagtga actatacatt gcctaaaaag tggttttgta 60
 atgatttgta gtcacatttc tattgggata tgtnnnnnnn aaggcgaaat gcttaaagtt 120
 ccttttattt tttaaaagca gntagataga cacagacttg ccacctnata catctgctcc 180
 ttggcaacat cnnnggggaac nnactagccn acatgcctat ggctaaaaac tttnccttgc 240
 nnactancgc nctgnttggg gcttcngntt ntannnt 277

<210> 94
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (300)
 <223> n = A,T,C or G

<400> 94
 attcggcacg ancccaatcc ctgggcgccc ctggtatcca aaggggcccag ggacctgtt 60
 gcgtgccct ggctcggca ttcgaggtc ccctagggcc gtgcctgtgc gtgtgogtgt 120
 gcgtgtgtgt gtgtgtgtac tgcattgccc cccgggtagc aagctggtgg acagatctgc 180
 tctgtggagg ggcgggcacc agntccactt atgtgcctgt gctccgaggg ccaatgggct 240
 gcagggcctg cttggaggaa ggatttgtgt gtaggaggcc tctccgaggg caattctgtt 300

<210> 95
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 95
 aaaacctgct gtcaaggctt gaagagccgg cacactcaat ggcaaacaca gcaccgagtc 60
 tgctctgaat cctggaggat ctggccctcc tctcaacccc cactcacagt caccgtctta 120
 caactcaggg ccacctggga tcagtcattca gtcaggggtgc gtaagccttg aataccaggt 180
 agcctcagga gtgaaaagat aaatgtccta gatcattacc ttattcagtg tccccacctt 240
 gcagcgcatt ccaaccacct gggagcattt aaaactccag atgccacac cacaccctgg 300

<210> 96
 <211> 283
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (283)
 <223> n = A,T,C or G

<400> 96

gtaacctgac	acccagggag	ggagggaggg	aggggctggn	nnnnnnnnnc	ctgnannngng	60
ggntcacct	gttctnnntt	nttntntttt	tnnnntang	ntcacnntng	ttancatnnt	120
ttntancctg	nnntttattt	ntttnttttt	ntnanccttn	ttntntttgt	tnntntttctt	180
tttttncntt	tattttttggn	ttctnccntn	ntntttntgg	tttttanttn	ntntttnttt	240
ttttnttttn	tnntttnnntt	ngnttctntt	ntntgtcttc	ttt		283

<210> 97

<211> 277

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(277)

<223> n = A,T,C or G

<400> 97

gtttcacatt	tgtgtccatg	agcaaagagg	aggtcgacag	gtacaatttt	gtgatgctgg	60
cctgtcctc	ctcattcctg	gtgttatcct	atctcttgac	ccgttggtgt	ggcagcgtgg	120
gcttcattct	ggccaactgc	tttaacatgg	gcattcggat	cacgcagagc	ctttgcttca	180
tccaccgcta	ctaccgaagg	agccccaca	ggcccctggc	tggcctgcac	ctatcgnnnn	240
nnnnngnncg	gacatttgcc	ctcagtgggtg	tggttnc			277

<210> 98

<211> 300

<212> DNA

<213> Homo sapiens

<400> 98

aagacttttg	aaacacacat	taaaatattt	catgctccga	acgccagcgc	accaagtagc	60
agcctcagca	ctttcaaaga	taaaaacaaa	aatgatggcc	ttaaacctaa	gcaggctgac	120
agtgtagagc	aagctgttta	ttactgttaag	aagtgcactt	accgagatcc	tctttatgaa	180
atagtttaga	agcacattta	cagggaacat	tttcagcatg	tggcagcacc	ttacatagca	240
aaggcaggag	aaaaatcact	caatggggag	tccccttagg	ctcgaatgcc	cgagaagaga	300

<210> 99

<211> 300

<212> DNA

<213> Homo sapiens

<400> 99

gctagactca	agctgtctgg	agagtgtgaa	acaaaagtgt	gtgaagagtt	gtaactgtgt	60
gactgagctt	gatggccaag	ttgaaaatct	tcatttggat	ctgtgctgcc	ttgctggtaa	120
ccaggaagac	cttagtaagg	actctctagg	tcctaccaaa	tcaagcaaaa	ttgaaggagc	180
tggtagcagt	atctcagagc	ctccgtctcc	tatcagtccg	tatgcttcag	aaagctgtgg	240
aacgctacct	cttcctttga	gaccttgtgg	agaagggtct	gaaatggtag	gcaaagagaa	300

<210> 100

<211> 300

<212> DNA

<213> Homo sapiens

<400> 100

aagtcctatg	aagcttttgt	acagcatgtc	atcgaagacc	atgaacgtat	aggctatcag	60
gtcactgcc	tgattgggca	cacaaatgta	gtgggtcccc	gatccaaacc	cttgatgcta	120

attgctccca	aacctcaaga	caagaagagc	atgggactcc	caccaaggat	cggttccctt	180
gcttctggaa	atgtccggtc	tttaccatca	cagcagatgg	tgaatcgact	ctcaatacca	240
aagcctaact	taaattctac	aggagtcaac	atgatgtcca	gtgttctgta	taaaatgcaa	300

<210> 101

<211> 300

<212> DNA

<213> Homo sapiens

<400> 101

atgttgccca	ggctgggtctc	aaactcttga	cctcaagcaa	tactcctgcc	ttggcctccc	60
aaagtgtctg	gataataggc	atgagccatc	atgcctggcc	gaacttattt	ttaaattctt	120
tgggaatcta	aaaggactat	gtgctttctt	ttttactgga	ttatgtgaga	agataatagt	180
ttgcagagaa	attcagtga	gcagctgata	aaatgcttta	aaaatatatt	tcagagaatt	240
gagcaataac	agtgatgtca	aaatagtagc	cccaccttct	ccagcccacc	taaaccaaca	300

<210> 102

<211> 300

<212> DNA

<213> Homo sapiens

<400> 102

gatgcaagg	ctgaagctga	aacttcagag	agcatcggca	tttaaggaag	aaccttggct	60
gggcgtgggt	gctcacgcct	gtaatcccag	cactttggga	ggctgaggcg	ggcggattgc	120
ttgagcccag	gagtttgaga	ccagctggcc	aacgtggtga	aaccccgctc	ctactaaaaa	180
tacataaatt	agctgggcgg	tagtggcatg	tgcctgtaat	cccagctact	cgggaggctg	240
agagaggaga	atcacttgat	tctcctggga	ggcagagggt	gtggtagctg	agatcgtgcc	300

<210> 103

<211> 300

<212> DNA

<213> Homo sapiens

<400> 103

atttttagtg	ttttacagtc	atttttcatt	taatatttac	agaagtccta	tgaaataatg	60
actgtgatta	gatactgtta	ttattaagga	aactgagcct	tagagagggt	aggttaactg	120
tctaaggtag	agctatgata	caaaccggg	tctcattggt	tgggcatttg	tgtcagtcac	180
tgagtataag	gtaactggga	caaggagctc	aagcagctcg	tcgttttagta	tcagagacag	240
agagctcagg	ccatggcccc	actatgaaca	aagtggctct	aggacacaga	aaaagagtga	300

<210> 104

<211> 300

<212> DNA

<213> Homo sapiens

<400> 104

gcctgtagtc	ccagctgctc	gggaggctga	ggcaggagaa	ttgcttgggc	ccgggaggcg	60
gtggttgac	tgagccgagg	ttgcgccact	gcactccagc	ctgagcaaca	gagcgagact	120
ctgtctcaaa	caaaaaccaa	aagacatcag	gaaacatgcc	tcttatggaa	tttgaggggg	180
aaaagtcagg	gtcttggcag	tgaccttgga	caagccatta	gcctcttgat	acctcttttc	240
tcctctgtaa	aatgaaggty	gtagttacct	acttcacagg	gttattaggg	gattcaatgt	300

<210> 105

<211> 300

<212> DNA

<213> Homo sapiens

<400> 105

cagaggcttt	gctagtatcc	ttcaaccaat	ttctagtaaa	aatatcctat	ataaccataa	60
ttatcaaaac	cagaaaaaca	acattggtag	gatactataa	agtactaatc	ttatttttga	120
tttgacgaat	ttttacatgt	ttttttcttt	tttagtttgt	actctaagaa	gttgtattac	180
atgtacagat	tcgtgtaacc	actgcaacca	cataaaacta	atgaacacaa	agtcctcat	240
gctacctttt	tatgcttaca	ctccatccaa	acctaactct	gcccaaccact	tttctcctat	300

<210> 106

<211> 287

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(287)

<223> n = A,T,C or G

<400> 106

acctgagcta	gggttgagc	agaaattgag	ttgcagcttg	cccttgcca	gacctat	60
ctgcttgct	ttttgaaaca	ggaggtgcac	gtaccaccca	attatctatg	gcagcatgca	120
tgtataggcc	gaactattat	cagctctgat	gtttnnnnnn	nnnnnnnnna	taatgcgana	180
gangccatca	cnntnctatt	gtgtctnaaa	tntngccttg	ngntattcca	tgnctcntn	240
ntatnnanct	ntacnaatan	gttttacgtn	atnctnttcg	atttttg		287

<210> 107

<211> 300

<212> DNA

<213> Homo sapiens

<400> 107

ccctggatga	aaacctaggc	agtaccattc	aggacatagg	catggggcaa	tacttcatga	60
ctaaaacacc	aaaagcaatg	tcaacaaaag	ccaaaattga	caaattggat	ctaactaaac	120
taaagaactt	gtgtgcagtt	ttattttgga	gtgtgtgtgg	ggtagcctctg	agtttcaaaa	180
atgaagaaag	taagtagtca	tgctttcctg	actctttggg	agacatagcc	tttaagacag	240
tcattctgag	ctgttatggt	cttaggggtc	cctatactac	taaaacttat	tgatgacatg	300

<210> 108

<211> 285

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(285)

<223> n = A,T,C or G

<400> 108

atgcccntag	tacgcaacaa	ntccttctntg	ctccaagagt	aggaaaatta	ctgttctntn	60
tgccagttag	attcctcttc	tggtattacc	tttgcttcaa	agtccctgaa	ttgccatttc	120
cccacttcat	agcacttatt	gctatctgga	attacactaa	atgtcacctt	catgatggta	180
ggcaatttat	tgcttagtgc	acagttatgt	ctagagaaca	agcagctggc	tcatagtagg	240
cactcaacaa	atattttgttc	aatgaatgaa	tttataaatg	aatgc		285

<210> 109

<211> 300

<212> DNA

<213> Homo sapiens

<400> 109

aattgtaact	tattccagga	taaatgtcat	atgcatatga	ttttcatatg	actttgatga	60
gtatcttcag	ggaaaattcc	taaaaatgaa	attgctggat	taaggggtaa	atgcatgtat	120
agttttgtta	gacagggcca	catacccttc	cttagaggta	gtaccctttt	gtattcctgc	180
cagtaatata	tgagagtcca	cagagtatgt	ggttaaagctt	tagaatgctt	gtccatctga	240
tagggaagaa	atcgtgttgc	cttaatttgc	ccttcctttta	ttatgaatca	gatttttaatc	300

<210> 110

<211> 300

<212> DNA

<213> Homo sapiens

<400> 110

cagccaatag	ccatgtaact	gagcttggaa	gaggatcttg	ctgtcctggc	caacatctca	60
ctgcaattct	atcagttgaa	ttccctggat	agtccaagct	ttgtggatcc	ctccaccaga	120
acaactggat	cccagtacct	gaatcctgaa	tcttagactc	ttatacttca	aacactgatc	180
acgggaacag	ccggctcagc	agctcctgag	ttcctaatagc	tcagaacatg	gatgagatga	240
taaatgtttg	ttgtgttaag	ctgccaacct	ttggcggggg	ggtattcgtc	acaggcaaca	300

<210> 111

<211> 300

<212> DNA

<213> Homo sapiens

<400> 111

aagcaacttc	ttgcctcttc	tcaatataga	attcaaagat	ttgagaggtt	ctgcaagctt	60
tttcctgaaa	ccaagtacct	ctgggtgacag	tttacaaggt	ggaagcattc	cattggcaaa	120
tgaatccttg	gagcacaaac	ctgtatccag	tttagcagaa	cctgacttga	tcaactttat	180
ggacttccca	aaacataacc	agatcataac	tgaagaaaca	ggctctgcag	ttgaaccaag	240
tgatgaaata	aagagagcca	gtggagatgt	ccaaactatg	aaaatttcat	ctgtgcctaa	300

<210> 112

<211> 300

<212> DNA

<213> Homo sapiens

<400> 112

ggccggttat	tctctcttta	cagatagcta	tagacatcat	tttaggaagt	gttgcagtct	60
ggcatttgtg	ctattgttca	ttctctgtga	aggctgttca	tagttgctat	agcctgtgtt	120
tagttttgtg	atttcatcaa	tcccatcttt	ctgagtgatt	aatgcattct	aaacatccta	180
ccccacttta	taaacggacg	tggggaacgc	ttggtcattt	aagccaacaa	taaatttatg	240
ggaatgtccc	taagtgttta	ctgtctttat	ccagtcaagg	atttgctttt	ccttgaacat	300

<210> 113

<211> 300

<212> DNA

<213> Homo sapiens

<400> 113

gacttgaaaa	aaagtcacat	ccagcaaagt	cagggtcaca	tgaaatatgg	gcctcctgga	60
atccctacag	tggatggaga	ctggctcata	ccttgccaga	tccctctctc	agttccagcc	120
ttctggacaa	ggcctgggct	aagaggagct	gattcgttat	ctcttcaccc	actgccctct	180
cagtatcacc	agtcccaaag	acaggatacg	tccctgtaac	ccaatctctc	ggttgattga	240
tagcagaaca	gctcttgttg	gtctgagaag	gcaggataag	tgaccacata	tttatgccac	300

<210> 114
 <211> 291
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(291)
 <223> n = A,T,C or G

<400> 114
 gggggggnnaa aaaannnatt tnannnnnttt ttttncaaan nanaggggggn tntngntttt 60
 tnnattaaaaa nnnccggggg nnnnccatnn ngttttttttt aaaaaannntg gnaannctnn 120
 ggngtngggg cccctnaant gtttttnaaag acnccccctt ccaaattttg aaaacattgt 180
 aattggagaa gaaggtanct ctgcaagggt aatctgtcat tctcaatttg ccttattgtc 240
 ttgtttatta agatgttgga aaagcaggag gtagctgtgc ctcaattatt g 291

<210> 115
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 115
 aaacagaatc ccttttttct ttttttgtaa aaagtactca tccctaatat tacattgttc 60
 tggaaggact gaaaataaca gaactcagca ccatgatcgg accgggacaa tcagattatt 120
 tcattcctca gcaaacggag atcgatccga aaagtggaaa tatgagctct tctttgggtg 180
 tggcatatgg accctgagag aaagaacttt aattttttct cttggactgc aataaaagtat 240
 agctgcctaa aatacgtttc ctgacacttg gaggtttgtc cacaatcggg aaaaaaggca 300

<210> 116
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 116
 aacagaatcc cttttttcctt tttttgttaa aagtactcat ccctaattatt acattgttct 60
 ggaaggactg aaaataacag aactcagcac catgatcggg ccgggacaat cagattattt 120
 cattcctcag caaacggaga tcgatccgaa aagtggaaat atgagctctt ctttgggtgt 180
 ggcataatga ccctgagaga aagaacttta atttttttct tttggactgca ataaagtata 240
 gctgcctaaa atacgtttcc tgacacttgg aggtttgtcc acaatcggtg aaataaaggc 300

<210> 117
 <211> 298
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(298)
 <223> n = A,T,C or G

<400> 117
 caaaggccct ggggtcctt ctagctggag gaatgcaagg ctagcttgtc tggagcactg 60
 agaggatggc ctgaactgag tggagagaga cagaccagga ccaaaccatg cagagggtcaa 120
 gggccacatt caccttttca gagtactca atcaaatttg tagtttgtaa aagtatttta 180
 acagctctgc ggcaaagtgc aaatgaaaag tcttgatggc atggactgga gcggggacag 240

tggggatgga gaaaggggaa tggattggtn gnnnnnnnnn nggtanatnc atgtgaac 298

<210> 118
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 118
 cccgctgagt ggcagtggca ggaagtcggt ggaagcagat ccctgtgcag aagtgaatt 60
 accagggcgg ccacacacgg gctgcacaac ctttgcagtc gtgcacggca agtgggatgt 120
 ggcctccgcc catgattggg cacctgggtca ggctgggaga tccaaatagc acccagtggg 180
 cagctgccg acccctggag gggcaagcca ggaaagaaac ttagggcccg ctgtgaccag 240
 atgtccctcc cagttgggaa gactaaactg gtttggccaa tatctcccag gattccctg 300

<210> 119
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (300)
 <223> n = A,T,C or G

<400> 119
 gaaagcagat gtagtagaca tctactgttt ttgcctaaac agaatccctt tttccttttt 60
 ttgttaaaag tactcatccc taatattaca ttgttctgga aggactgaaa ataacagaaac 120
 tcagcaccat gatcggaacc ggacaatcag attatttcat tcctcagcaa acggagatcg 180
 atccgaaaag tggaaatatg agctcttctt tgggtgttggc atatggaccc tgagacnaaa 240
 gaaccttaat tttttctctt ggactgcaat aaagtatagc tgcctaaaat acgttttctg 300

<210> 120
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 120
 atttgagaca ctgggtttaa tgaaaatgga tataagggtat gtataactgg ggggtggggtg 60
 agggtaggag gcattttacaa ctcagatttt atttattttg aaattatcaa ttgtataaat 120
 ctaattttatt accaaatagg gtctttttaa aaatattttt atcgttgaaa ccttgacagg 180
 tactttcatat tcttctaata atttaaacag tccaataatg tgggtatacac ttgacatcc 240
 aagaactcac caagatgttt ttcagagatt tattctcgat ttaactatca tagcatttaa 300

<210> 121
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 121
 ggagaactgc tcaactcctt tccctcccca tacaaactca aagtcccctg ggcccccaatt 60
 cagagttaatg ttttttttgg cacatactag aaaggcagtg cctcagccct tccctgaatc 120
 catggagggtg ttctgttttg ggcctttttg actgctgctg ctcagctggt tgcttgaact 180
 gacagtaggc cagcctgttc tctgccatc cctagtcatc ctgtgectca ccacagcttg 240
 cttagagcaa gccttttctc agaccttagg cacagcctct cctctttacc tgatcaatgt 300

<210> 122

<211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (300)
 <223> n = A,T,C or G

<400> 122
 ctttagaaca tatcactact aagtatcagc ttatcttcag aacattacaa cattcacggt 60
 gttcatatgc tttctgagaa gtcaccactt gtaatttcag atcacatata cctgaaggca 120
 ttttatagtt cctaaagtta acatgttaga tctttttttt ccaccccatg agggctcac 180
 tctcaccag gctggaatgn nnnnnntga ttgtagcaca ctttgccac caactcctgg 240
 gctcaagtga tctcctgct ttggcctcct ctgagaagct gggattactg gggcacacca 300

<210> 123
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 123
 cacctttcct ccagtttcca ataacacatt cctcttttcc acctgagacc tcaccagaat 60
 cacctttaat gtctatatc ctaccaatag tctttttaag gcaatatagg ctttctctaa 120
 catgcacttc aaacttcaag atggagggga tgccatacaa caggactatg tgatgggttt 180
 tggctgtgtc cataggaagt cacaacaggc aagggaaga aaccagaacc cagtcattgga 240
 gttaagaagt gagtcagaga gtagatgggt agggacagtg aggtaaggcc tctttctaag 300

<210> 124
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 124
 ggaactatgc cctcccaact cccatcattg ccaattaagt ctttttcct taaaaatcag 60
 ctaaacatct tccccttga tcccttagtt atgtactctc attcttcgtg tactccatgt 120
 gattcaatag cacagatact tcagtagcac ttaccataat tgccatgaaa taattgtgta 180
 gtttgcttaa tatttgtttc tcatattaga atgtaagctc catgagagct aggatcatgt 240
 ctgatttctt tgccattgta ttgcagtgcc taaaacaata ttttacaat ttaagtaatt 300

<210> 125
 <211> 276
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (276)
 <223> n = A,T,C or G

<400> 125
 accatttctg tacaacacaa gctggccttg gcagtttcgg tgcataaaaa atcaggtcct 60
 acagctcgag agggcagagc cacagtccct ggacggcggtg gactgaggcc ggatccttcc 120
 tggaggcctn nnnnnnnngg ggacccagn anctcatcat cancattgct ggagccaagg 180
 agtctgntac ccacgtnnnn tngnggatgc cegatgneng ntttggtnnt nttgacntgt 240
 tnntgntnaa ntnnttnnng nttctantnn tctgat 276

<210> 126
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 126
 cctggcagtg ttgtcagctc aacctgggtgg gttcagttct gtcctgagge ttctgctctc 60
 attcatattag tgctacgctg cacagttcta cactgtcaag ggaaaaggga gactaatgag 120
 gcttaactca aaacctgggc atgggttttg ttgccattcc atagggtttg agagctctag 180
 atctcttttg tgctgggttc agtggctctt caggggacag gaaatgcctg tgtctggcca 240
 gtgtggttct ggagctttgg ggtaacagca ggatccatca gttagtaggg tgcattgtcag 300

<210> 127
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 127
 cataatcgca aagtggaca tgaagctcta ggcagtagtc tcctgactgg cccagagggga 60
 cttttggcca aagaacgaga gaacttaaa cgattaaaat gtctgagacg ataccgccag 120
 cgctatggag tgggaagcctt actgcatagg cagttgaagg aacggagaat gctggccaca 180
 gatggtgctg cccaacaggc ccataccact cgttcagtc agagggtgctt ggcctttgtg 240
 gatgatgttc gttgttccaa tcagtctctt ccaatgacca gacactgcct taccatatt 300

<210> 128
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 128
 aggtgcatag agttttgcct ataatcccaa cactttggga ggctgagatg gggagatcgc 60
 ttaaggccag gagttcgagg ccagcctagg caacatagca agaccccat ctctattaaa 120
 acaaacaaac aaacaaaatg ttaataaaag gaagcagatg agtatgtgct aactaggctg 180
 gcatgtgtct ttgttgggtga catggagcct ctgtcatccc ctacacagact gcatacgagg 240
 attggttcat caccctctac aacgtgctgt acaccagcct gccctgtgct ctcattggggc 300

<210> 129
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 129
 gaccaggtta gaccagctca agagttcatg ttctttgtca tcctcctgtg agctctctgt 60
 aagtctcttt cttgcccatc accacatccc tagtactggg tatcagtctg gccacttggc 120
 tttctggttt gccccaatgt ggtctattct tgatgcagct accaaagtaa tgttttaaaa 180
 ccattatacc aagttactat ccttgtcaaa accccagta actgccaatc tcaacttagaa 240
 taaaatccgg actcctgtga agcacagcat aaactggcca ctgcctatgc agcaacctca 300

<210> 130
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)

<223> n = A,T,C or G

<400> 130

gtcgaatgaa	tcctttgtcg	ccttttagctt	ttagtccttt	gaagagaggt	gagagtggaa	60
atcaagagat	ttttttccac	ggggaagttc	tttttacaaa	gcgttgattt	ctcggcaccc	120
cgcggggcgg	gcaactgaca	cggcctccgg	tgcaccttct	gcgctgtgga	gcctctgggg	180
ctcagctgnn	nnnnnntcgg	gtcgtgnngc	ggtagggcgg	gagcggngga	agggaaaagc	240
naangctgga	aaagaagcag	ggcagttgng	aaccagacat	ccagacctcc	tgaagggctc	300

<210> 131

<211> 300

<212> DNA

<213> Homo sapiens

<400> 131

ctggactctg	agtcgtcttg	gtcccaggag	ccagtagtga	aggcaacagt	ctgcccacct	60
gtggacacca	gacctctgga	gtcctctggt	agcaagttag	atctctggga	tgtagtgag	120
gctggttgaa	gaccagaggt	aaactgcaga	ggtcaccacc	cccaccatgt	cccaggtgat	180
gtccagccca	ctgctggcag	gaggccatgc	tgtagcttg	gcgccttggt	atgagcccag	240
gaggaccctg	caccagcac	ccagccccag	cctgccaccc	cagtgttctt	actacaccac	300

<210> 132

<211> 300

<212> DNA

<213> Homo sapiens

<400> 132

aaaacttttg	gccatttcag	aatttagaga	gtttaatgaa	tgtgcccttg	tttaagtata	60
aaagtacagt	tcaagtttgt	aactccatac	tttgtccaaa	gactggacgg	gaaaaaagaa	120
agtcaccgga	aaaccggttc	ctgagaaagc	tcctcaaacc	agacatagaa	agagaaagac	180
ttaagaattg	cctgggctca	ccttgatcgt	aagttgacag	tgctggactg	gcagcaaagt	240
gaccgttgga	gtttaatgag	aggaatatac	tcatcatcag	tctatttaga	agagatttcc	300

<210> 133

<211> 294

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(294)

<223> n = A,T,C or G

<400> 133

tagggtaann	cngnannaaa	angngcanta	ngttnagacn	ngncnnncnn	tnacnatnnn	60
ngantagaac	atntctatnn	ngnnnnnana	tntnannngn	naaanagggt	tnatggnnag	120
nacnctctc	ncnnnnatcc	attctcatca	gcactgtccc	aggatcctgg	agagggagaa	180
cccctggccc	caggggaaag	agggcggggt	ctcccgtttc	ctgtgcctgc	accagccctg	240
ccccattgc	gtctgcacac	ccctgcgtgt	aactgcattc	cataccaact	aata	294

<210> 134

<211> 300

<212> DNA

<213> Homo sapiens

<400> 134

ccaatggatg	caggaaaact	gagatgggat	ttccccacgt	tgcccaggct	ggctctcctga	60
gctcaaagca	atccagattg	ctgggattac	agctgtgagc	caccgtgcct	ggctgagatg	120
acttttaaaa	aaagacttct	ctaaagtaga	aggaaggggtg	gaattgtatg	cacaagaaga	180
aaaaaacctg	gaagaaaaac	atactaaaga	ggctggagtg	caatggcgcg	atcttggtc	240
accgcaacct	ccgcctccc	ggttcaagt	attctcctgc	ctcagcctcc	caggtagctg	300

<210> 135

<211> 300

<212> DNA

<213> Homo sapiens

<400> 135

agactcttca	ttctatcacc	ctgtctcaca	aaagacttgc	ccaaggctac	gaagcaaggc	60
agtgactaga	gtccagacat	cagaactagt	tccatgtttt	ttttttcact	accagtcct	120
aggccccaaa	ccgcagatcc	tgctgtgtga	ccattaagcc	cctgactgtt	ctaggctcaa	180
cttccaaccc	tttctgcagg	tcctattacc	tctgcctcat	cctcccaaca	tgataaccag	240
agtcttctct	cacattgtac	tgctacccc	cttatgttcc	caggctctcc	cttggtttta	300

<210> 136

<211> 300

<212> DNA

<213> Homo sapiens

<400> 136

gtgtgcttgt	gaaagtgtcc	aggcgtgtgc	acagccagtg	cgcccacttc	cggtctcctt	60
gctccctgct	gtactgaagt	tttggatttt	gcatccaate	ctgtgtgcct	gcccctctgc	120
cgaaggcttg	tgaggggcct	gagtcctctg	cccatcagga	tgacaggctc	cttcctgcag	180
ggccatagga	gggaagtgtt	ggaaacacag	aatgattcca	aggtgctctc	gttcctgagg	240
gggactgggt	tgtaacccat	gacatctgtg	ggcgagagag	gcagctggga	gcaggacact	300

<210> 137

<211> 300

<212> DNA

<213> Homo sapiens

<400> 137

gctgcatctg	caatgaggat	gccaccctac	gctgcgctgg	ctgcgatggg	gacctcttct	60
gtgcccgctg	cttccgggtg	gtgcagggtg	aatgttctgt	gcgagagctc	aagggtgc	120
tggtccctg	acttgatatc	ctttgttcca	cagagagggc	catgatgcct	ttgagcttaa	180
agagcaccag	acatctgcct	actctcctcc	acgtgcaggc	caagagcact	gaagacaccc	240
tggtcctccc	ggaagggcag	tcccacaggc	agcggcaccc	atttctgggc	cccgccacag	300

<210> 138

<211> 300

<212> DNA

<213> Homo sapiens

<400> 138

gcagggcaga	gtttctacct	ctcaaacc	ccagccggca	catcacacac	cggaggccag	60
gacccaagcc	cagcagacac	aggatctgct	aacgcagctg	gcagctgagg	tggctatcga	120
tgaaagctgg	aaaggaggag	gcccagctgc	ctctctccag	aatgatctca	accagggtgg	180
cccaggagc	actaattcca	agaggcaggc	caactgggtc	ttggaggagg	agaagagcag	240
actgctggct	gaggcagcac	ttgagttg	ggaggagaac	acgaggcagg	aacggattct	300

<210> 139

<211> 300

<212> DNA

<213> Homo sapiens

<400> 139

aaaagatgag	tgattttgtg	tgggaaaagc	cttcccaggc	gtctgtaccg	aaaggagcag	60
caaacaaggg	gctaatccat	gagcagtgtt	ctgtaggctc	tgtgacatct	ttggtttata	120
ggatttttga	gccttttatg	atctggaact	atctgagggg	tttcattata	ggccttggtt	180
ctctccaggg	gccagatgag	tttattgtgg	aatctttgaa	aggacaaggc	ctctgtgaat	240
gaatcagtcc	cagggaagca	tttggtggtg	gcggcagtg	aggattgccc	ggtgaaccta	300

<210> 140

<211> 300

<212> DNA

<213> Homo sapiens

<400> 140

ctgctccgag	tcaggcgcgg	taaaaggcat	tttacaatatg	ttacaaccgt	gctctgaggt	60
gggtgtgtgc	ttcttttgcc	cgaaaaggaa	acagagaggt	taagaactcc	cccagagcca	120
catggacaga	gctgggatcg	aaccgaggct	ccaagtccca	gtgttctttc	cagtacctca	180
tgcatagacc	agccttttcc	tcatacaggca	gatcctgcag	aactggcacc	tgggttgccac	240
tcagtggcct	ctctgacgcc	ccgcctgtgt	ggacctctcc	acccctgccc	ttggcagcag	300

<210> 141

<211> 300

<212> DNA

<213> Homo sapiens

<400> 141

gccacattct	gaggaacatg	tcattgttctg	ggaggggctaa	ggcatcaagt	aaggcctgtg	60
gggctggagg	atcccaggca	aggtggggca	atccagagcc	atgggggctt	cccatgggaa	120
ttgggaggtc	ccaaggcaga	gtcagagggt	ccacaggagg	agtcagagag	tcaccaaggg	180
ctctcctggc	ccaggggagca	gtcaacacca	tggactgaac	acttgctggg	ctccaaccct	240
tgggccaggc	tgcccatgtg	gggccaggag	gcagctcaga	gtgggaggca	gagagagaag	300

<210> 142

<211> 300

<212> DNA

<213> Homo sapiens

<400> 142

ggagtgtgtt	cctcttgacc	ctggggctgc	atctcctcgt	tgggtgacttc	ctgggggttca	60
gaccctgcca	cctcctccat	tttggggagc	aagatctcat	ctgtctctgg	gacaggagga	120
cctgggttct	gcactggtga	ggctgagtgt	ggggagcagg	ctctgagccc	ccagctcccc	180
gtgtcccctg	ctccccagg	gtacagtgcc	accaacgtgg	agctggtgac	acgcacacgc	240
acggagcacc	tctctgatca	ggacaagtgc	aggagcaaag	cggggaagac	tccattccag	300

<210> 143

<211> 300

<212> DNA

<213> Homo sapiens

<400> 143

caagcgccca	tggagctgcc	cctggagcag	gtgccccccac	cgagagtgat	ggaaaagccc	60
gtcctcgcca	cctccaggca	tggccagcag	cgagcggctg	gctctgcagg	agaagtgtctg	120
ggtctgagct	ccgtcacggc	cgctcccagc	agcccagggt	ccaagcccaa	cacgacttgg	180
aataaatgat	caagttatga	attaaacaca	agagaaatgt	aattaccaca	ggagccagct	240

gagaataaaa tggattacgc acatcacagt cattaaacgg tgatcacatg cgccctttcta 300

<210> 144
 <211> 298
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(298)
 <223> n = A,T,C or G

<400> 144
 gccctgcccc acctgctcca gggaccagtg gtcttgggaa gcttgggctg actgggattg 60
 cagactccgg gtctgggtgta tagggccctt ggcaaatccc tattcctttc tgggcctcct 120
 tgaagagaca tggggctgag cttctaggct ccctttgatt cttctgtgtg tggcccagaa 180
 tgggacagac agactgagct gggcacagaa ataccatagt gacagaacca ttcgaagacc 240
 ctgccctgat ggaggccccg ggccagggga ggaggcnnnn nnnngctgtc natctgaa 298

<210> 145
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 145
 gcgacacttc cgccctgcacg agttcttccg gggcggaggt caccatggca gctgccttgg 60
 ctcggttgg tctgcggcct gtcaaacagg ttcgggttca gttctgtccc ttcgagaaaa 120
 acgtggaatc gacgaggtac gaaggggaag tgggtagaag cgggaagtgg tgcgccttcc 180
 ttcagccggg gctttaagcc ctcagcttgg cgctcctctg tttttccacc gtaggacctt 240
 cctgcagacg gtgagcagtg agaaggtccg ctccactaat ctcaactgct cagtgtattg 300

<210> 146
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 146
 aattgatgag ccttattaac tatcttttca ttatgagaca aaggttctga ttatgcctac 60
 tggttgaaat ttttgaatct agtcaagaag gaaaatttga tgaggaagga aggaatggat 120
 atcttcagaa gggcttcgcc taagctggaa catggataga ttccattcta acataaagat 180
 ctttaagttc aaatatagat gagttgactg gtagatttgg tggtagttgc tttctcggga 240
 tataagaagc aaaatcaact gctacaagta aagaggggat ggggaagggtg ttgcacattt 300

<210> 147
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 147
 tgttcttgta gtgtttgttg ctattgtag aaagattatt agtgatatgt ggggtgtctt 60
 agctaaacaa cagacacatg taagaaaaca ccagtttgat catggagagc tggtttacca 120
 tgcattgcaa ttgttagcat atacagccct tggattttta attatgagac taaaactctt 180
 cttgacacca cacatgtgtg ttatggcatc actgatctgc tcaagacagc tatttgatg 240
 gctcttttgc aaagtacatc ctggtgctat tgtgtttgct atattagcag caatgtcaat 300

<210> 148

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 148
 atttttgcat gtggcagttg gtttgtggag ttgggcaggt gtgaaagggg aaaactccac 60
 ttctgaatgc tgcttctgcc ccctgggacc cagcacattg ttagaccatc ttcttgactg 120
 aaaatttctc cctgatgctg agccctgcac caccaccttc cttttcctaa ctatgaattg 180
 atggcacaagt ccactcaaaa caaccagtta agtgctcacc agagagtagt caagcacctc 240
 cagaaagaaa ccgggttttt gttcacatag caggaagtga ctccctgggt ggtaatttat 300

<210> 149
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 149
 ttcaccaata gaacatgtca cacacgaact ggaaactgat tctgtgggag acaagagtct 60
 atagtaaacy ttatgacaga ttctttgaat gcgctaactc cagactggac taaagtggg 120
 attaaattta atttgtactt gagttcagtg cattgctgtt ctgggcatag gaaatccagg 180
 ttgctgggtg tgaacagctg aaaagagctg tgtcaccatg gttgtctctg tcagtcatgt 240
 gaccaccctt acccttgtaa aatcaagcaa gggagagatt attttctaata gtaaagaaaa 300

<210> 150
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 150
 gcaggagaat cacttgaacc ctggaggtgg cggttgcagt gagcacagat catgccactg 60
 cactccagcc tgggcaacaa aacgagactt cgtctcaaaa aaaaaaannn nnnnnnnnnn 120
 atccttttggc cggtttctcc caaatntttt tgaggggncc atggncacac gcttnagctt 180
 tgttttggca accccttgcc cnaagncgca tataggctgt tcttnacctt gtttccaagg 240
 ctgaggaaca naaagtancc tntgttttga ggagnggaa gttaagtatn cnttaatttt 300

<210> 151
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 151
 agaaattaag gcctctgggt tcaatttttg gccccagtgt tgacctctgt gtaagcctgg 60
 caggatgtct catttctggg tcaccttttc cttgccaaca tagtgaggta tgtagaccaa 120
 atcattgcta agagccttct aactcctaag acactagggt tagtcagcca aaagcatgtg 180
 attttcccag atttcccaaa ctcccttgtaa cctaattgaa agtacacaat gaacttgcaa 240
 gaatttaagc atccttagat gccagtcttc actttgggta ttttccagcc tctcagtgta 300

<210> 152
 <211> 300
 <212> DNA
 <213> Homo sapiens

```

<400> 152
gcaaaaataaa tcatcagcag ttggggccacc tgaaaaaagtg agacgggttta ctctggatag      60
acttaagcaa ctggggagtag atgtttccat taaaccacgg ctaggtgctg atgaagattc      120
ctttgtgata cttgaacctg aaaccaacag agaactggaa gccttgaagc agcgtttctg      180
gaagcatgct aatccagcag ccaaaccacag ggctgggtcag acagtgaatg tgaacgtcat      240
agtgaagac atgggcactg atggaaagga agagctaaaa gcagatgtgg tacctgtgac      300

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<210> 153
<211> 293
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1) ... (293)
<223> n = A,T,C or G

```

```

<400> 153
gagcttcgga agctgccagt gccacagggg cccaaccccg tgggtggtggt gctgcagcag      60
gtcttcacagc ttatccagaa ggtgctgagc aaatgggttga atgatgccca gggtgnnnnn      120
nnggtgtgct ctatctttga taagtttgnt nntanactgc tgnatgactt tnanntcatg      180
gtgcanaaat gtgaaagatg ctttgccaaa tatgntaaat antgcttggg gccttgttnt      240
gaattttcnt caatntnncc atanatgatg natctttann gntcaccta ttc      293

```

```

<210> 154
<211> 270
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (270)
<223> n = A,T,C or G

```

```

<400> 154
tatcagacaa tattttatta ttttttcata gatgttctgc cacacaaaga acttgggggtg      60
taaggataag gcaaaagctc caatcccatt attcagttct ctaggatgc acccctcagg      120
gagcctggcc agagtccga ggccnnnnnn nnnnnntgn cncntgntcn acnntgnnng      180
gctncggcgc aggcnnngct gagnantncc atgangctga tagnannctg antctgccgg      240
ngaacngtna gganagagac nttactcgga      270

```

```

<210> 155
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 155
ctgcccgggtg gagcgggtgc ttctcacett ctgcaaccag tatggtgccc gcctctccct      60
gcgccagcca ggcttggtg aggetgtgtg tgtgaagttc ctggaggatg ccctggggca      120
gaagctgccc agaaggcccc agccagggcc tggagagcag ctacagtct tccagttctg      180
gagttttgtg gaaaccttg acagccccac catggaggcc tacgtgactg agaccgtga      240
ggaggtgcta ctggtgcgga atctgaactc ggatgatcag gctgttgtgc tgaaggccct      300

```

```

<210> 156
<211> 300
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 156

ttgattaaaa	acngcctcct	taacctctga	agactgattt	tgctttatca	tgtttcaata	60
ataacatttc	agaggttact	ctgtagcccc	agttgtaagc	ttataaaaaac	aaactggaag	120
gctgaggagg	ttatgggctg	gcagccaggc	tatgtttaca	gctgctggag	atggcagtag	180
ccttatactt	tgagcaggta	gtacatccca	ggctgtgcta	gaggtagatt	tgttttttca	240
cgtttgatct	gtggctgggtg	gccacctttg	ttgatttggg	cttacgagtt	tcatagtagc	300

<210> 157

<211> 300

<212> DNA

<213> Homo sapiens

<400> 157

gttggtcttg	tggtgatgca	ggttgctctc	aaggaggatc	tggtatgccct	caaggaaaaa	60
tttcgaacaa	tggaatctaa	tcagaaaagc	tcattccaag	aaatccccaa	acttaatgaa	120
gaactactca	gcaagcaaaa	acaacttgag	aagattgaat	ctggagagat	gggtttgaac	180
aaagtctgga	taaacatcac	agaaatgaat	aagcagattt	ctctgttgac	ttctgcagtg	240
aaccacctca	aagccaatgt	taagtcagct	gcagacttga	ttagcctgcc	taccactgta	300

<210> 158

<211> 295

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (295)

<223> n = A,T,C or G

<400> 158

ggtgtccaca	ctgaagggcc	agctgcagca	ggagcttcga	aggagctcag	cacccttctc	60
cccaccctcc	ggccccccag	agaaatgagc	tcctgctggc	atctggagaa	caccctgtgt	120
cctgggacag	gggaggaccc	ttcttttgga	cagccccccc	ccagagcccg	gtcccttggn	180
nnnnntaagc	tgnnnnnnca	ctgggagact	ntgntantga	aatnctnntc	ctnngctaata	240
ttantcttan	ncgngnggtn	tcttnctgn	nnccaagnca	ncncatgcat	gtttt	295

<210> 159

<211> 300

<212> DNA

<213> Homo sapiens

<400> 159

aagcccgccca	cccactgttg	gactttcttg	tgggtctctc	agctcccacc	ccaggctggg	60
gccagattg	tgaggtctgt	gtgcatgtgt	gtgtgtatgt	gtgtgtgcat	gcgtgtgtgt	120
gttgtgggga	tctggccttg	cccttgggga	tggggctgct	ggggactgcc	ccccttcccc	180
ccgtggccag	gcgctctgtg	tgctgtgtgt	gccccaggct	ctgttgaccc	cgtccaggaa	240
ctaacttacc	cagcttggtc	tctcctgagt	cctccaccct	ggcctgggat	tggccaggga	300

<210> 160

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 160
 tgccctcagg cagccaaagc actttaaccc ctgcataggg agcagagggc ggtacggcctt 60
 ctggattgtt tcaactgtgat tcctagggtt tttcgatgcc acgcagtgtg tgcttttgtg 120
 tatggaagca agtgtgggat gggctcttgc ctttctgggt agggagctgt ctaatccaag 180
 tcccaggctt ttggcagctt ctctgcaacc caccgtgggt cctgggtggg agtggggagg 240
 gtcaggttgg ggaaagatgg ggtagagtgt agatggcttg gttccagagg tgagggggcc 300

<210> 161
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 161
 cccagctgga cctgggtggc ctttcctagt gcctctgctg ggggaggaga gcctgtgtgc 60
 acgtggaggc taggaggtct cagggtgctgc cctggcagca ccagagtgtg ggccggggcc 120
 gagtgtctgc ccctcgccc tcaggggtggg gcacttagca cccagaaggg accaaaagca 180
 gggcatggcg gtgcagagga gtttgggagg tgtaaacagc cccatgcacg tggaggagga 240
 gctggctttc agccccagac cccacgctag cactttccac gctgcttgcc cgctgatgat 300

<210> 162
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 162
 gtccttgtcc agcctccaag acccacaagt cccttctctt ggggaagcccc cctggccttg 60
 aggtgcacca ggaagaagtg gtctggggct ggcactaagc catggcccag ggaagactgg 120
 gggaccact aggccaggat gagacctgca cgcagtggct cacagcagca cgatttgtga 180
 cagcccgagg cggagaacac cgaacaccca gtgaagggtga ggggatcagc acggcgoggc 240
 caccacgcga cccacgcgct ggaatgagac tcagccacaa ggaggtgcga agctctgacc 300

<210> 163
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 163
 ctgacggagg ctttctgtggc tgtggtgatg gggattgagt tgggggcaag ggtccctgcc 60
 tagactgttg acgtcccctg ggaaggggac ccaaggatga attggtgtg aaggatcctc 120
 cctgagactg gcaagggagg aggtgagca gaaggagtca tcatggagga gcggtgagaa 180
 catggaaccg gactccaaga tgacgatcta aagacccggg agcgagaagc caaggccagg 240
 ttctgggtgt agggcccaga gaagcagaac agcccagagc cccaggtgcc tggcctggcc 300

<210> 164
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 164
 aggcagcagg tgaagaggca gggcccctga cggaggcttt gctggctgtg gtgatgggga 60
 ttgagttggg ggcaagggtc cctgcctaga ctgttgacgt cccctgggaa ggggacccaa 120
 ggatgaattg gctgtgaagg atcctccctg agactggcaa gggaggaggc tgagcagaag 180

gagtcatcat	ggaggagcgg	tgagaacatg	gaaccggact	ccaagatgac	gatctaaaga	240
ccccgggagcg	agaaagccaa	ggccagggttc	tgggtgtagg	gccagagaa	gcagaacagc	300

<210> 165
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 165						
agacaaagaa	aaggtggcaa	tcatagaaga	gttagtagta	ggttatgaaa	cctctctaaa	60
aagctgccgg	ttatttaacc	ccaatgatga	tggaaaggag	gaaccaccaa	ccacattact	120
ttgggtccag	tactacttgg	cacaacatta	tgacaaaatt	ggtcagccat	ctattgcttt	180
ggagtacata	aatactgcta	ttgaaagtac	acctacatta	atagaactct	ttctcgtgaa	240
agctaaaatc	tataagcatg	ctggaaatat	taaagaagct	gcaaggtgga	tggatgaggc	300

<210> 166
 <211> 286
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (286)
 <223> n = A, T, C or G

<400> 166						
cttgacttcc	aactgccct	gagatttgac	ctccagtata	aggggagcgc	gggtgccctg	60
gagcgtccag	tcctcattca	ccgagcagtg	ctcggttctg	tggaaagact	gttgggagtg	120
ctggcagaaa	gctgcggggg	gaaatggcca	ctgtggctgt	ccccgttcca	gggtggtggtc	180
atccctgnnn	nnnnnnnnna	agaggaatac	gccaaagagg	ctcagcanat	gcctgcgggc	240
tgcaggactg	gncantgacc	tggatgctnt	antctggact	gatcct		286

<210> 167
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 167						
ggattctttc	actgagcaca	aagagttggt	ggggcttttag	catctgactg	attttttttac	60
gggggttgatt	ctgaccatag	gaagtatgca	atgtgaatca	ctattttacag	agaaacctac	120
aacagatgct	tgatgttgta	gaaactggga	catatagata	ccaagcaaaa	ttataagaaa	180
cctataagggt	gttcaatacg	cttgtgtttc	caaaattcac	tgtacatgat	cagtttggtg	240
ttcttgtacc	acagttttta	actgaaggaa	ccagttgtaa	cagtctcaat	tttaactaaa	300

<210> 168
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 168						
caaggctgca	gtaagctacg	atcacaccac	tgcactctgg	cctgcatgca	ctctggcctg	60
catggcagaa	caagaccctg	tctctaaaaa	aagagaaaga	aatcaaaacta	atcatgctgc	120
tcatggattt	ttccaataaa	tttcttggtt	tggcaggaag	aatgaacac	tggatttaga	180
cttaaagatt	aaatttcctc	aaacatgtcc	tatctgtagt	agttcaacta	gacacctttt	240
aaagtgcctc	taaattcatc	agatggccaa	actgtattta	taatccactt	aggcattttg	300

<210> 169
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 169
 gcaagccagg agtgctggca caggcctgtg gtcgcagcta ctcgaggaggc tgaggccgga 60
 ggatcgcttg agcccaggag gtcaaggcta cagtgcagccg tgatcatgcc actgcactcc 120
 agcctgggtg acagagcgag accctgtctc ttaacaacaa aaccatgag cggcagcccc 180
 ccagtccctg atgggtgtaa agaatacctca agatcaaacc cacgcagtgc tgagagcttg 240
 gcctgattct agggctgggg ctggagaaac tgctagagat gatgccgata gccagtgtga 300

<210> 170
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 170
 caagagagag tgatagaatt ggcagtgaaa tatacgaacc accctcctgc cctctgggtt 60
 cacaatacgt gtacacttga ctgtgaagtg gctgtgagag tgggtggaga gttcttcttt 120
 gaccctcagc ctgcggatgc ctctagaaac ctctgtgtga ttgcaggagg agtcggaatt 180
 aaccctctgc tttccatcct gcggcacgca gcagatctcc tcagagagca ggcaaacaaa 240
 agaatggat atgagatagg aacaataaaa ctattctaca gtgcaaaaaa taccagcgaa 300

<210> 171
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (300)
 <223> n = A,T,C or G

<400> 171
 ttgacagccc cccctagggtg gaccnttaa ngatttgnt tttcccctgg gcanccaacc 60
 tgcccanag gncacagacc tgggntttca gctttgggnc caggctgccc aaaggnactc 120
 cnttatacnc ccggcncctt ncnegaaana nggnncttnc caagcaagcc cctangattt 180
 gtcctatatan anggaaangt gtggcangcn catgagttna aattntttta ngcnattctt 240
 ataatacaaaa tctgaaggga aaaaaatggt ttagttcttt cccactcgt tgggttcaac 300

<210> 172
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 172
 cctagtccca gagtccctgga gcggcatact ggggggtggct gtgcagtccc agcateccca 60
 acccagcatg tatagagagc atccatcctt acatccagct gacctatgcc catgctcctc 120
 cctgtggctg gaggttcaac aataacataa gtctcttctt tgccctccag atatttctcc 180
 ctgcagtggc tgggaaactt ggcaagagac cagaggacct aaatgcagac ctttcaagtg 240
 aggccaaggc aatggctgtg ccctatcttc tgagaagaaa gttcagtaat tccctgaaaa 300

<210> 173
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 173

cgtgctaattg	gaaaaaattgt	tagtaaaaaat	aggttcatgc	agtcttattg	atcatgcttg	60
taattctgaa	gattccactt	gtactttttt	taaccatatt	tctcttctct	tccattctct	120
agttgtgaga	aaacccagtt	gtccaataat	tgtaagctt	tcctcggcct	tagggaatga	180
gcactcaaga	cctttctggg	ccaagtgtgg	tcgccgactc	ctgtaatcct	agcacttttg	240
gaggccgagg	agggagagct	gcttgagcct	aggagttcaa	gactagcctg	agcaacagca	300

<210> 174

<211> 300

<212> DNA

<213> Homo sapiens

<400> 174

ggaaagagaa	gcatgcaaca	attagatccc	tcaccagctc	gaaaactggt	gaagcttcag	60
ctacagaacc	cacctgccat	acatggatct	ggatctggat	cttgtcagtg	actttatgag	120
agtttctgcc	acaaggtgcc	caagaggaga	ggaatgggaa	gagtgcacca	gcacgtggtg	180
actgcgtgat	ttctgctcgt	tgcccttgaa	gataactggc	aggactgact	gtagaacact	240
ttgacttttt	tcaaaaagtg	atggaatttg	tacatccaaa	tgaatattgt	atagacaatt	300

<210> 175

<211> 300

<212> DNA

<213> Homo sapiens

<400> 175

ctggaaacca	tttaccagaa	agtgacgggc	aaggagctga	gatacgaggg	cctgatgggc	60
aaacccagca	tcctcactta	ccagtatgcc	gaggacctga	tcaggcgaca	ggcggagagg	120
cggggctggg	ccgcccccat	ccggaagctc	tatgctgtgg	gtgataaacc	tatgtctgac	180
gtatacggcg	ccaacctgtt	ccaccagtac	ctgcagaagg	caacgcgatga	tggggcgcca	240
gaactagggg	ccggggggcac	acggcagcaa	cagccctcag	caagccagag	ctgcatctcc	300

<210> 176

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 176

cgaagccca	tttcaagctt	tgtgctgcct	cttgatctac	ctctttgtcc	aggtggnngc	60
gctttgcctg	gaggatttgc	atgcgtttat	tgccagggcc	ttgtgcctcc	aaggaaaatc	120
cacctcgag	cttgtaaata	tacagcctga	ttacatcaac	cccagagccg	tgcagctggg	180
ctcccttctc	gtccgcggcc	tcaccactct	ggtttttagtc	aacagcgcat	gtggcttccc	240
ctggaagacg	agtgatttca	tgccctggaa	tgtatttgac	gggaagcttt	ttcatcagaa	300

<210> 177

<211> 300

<212> DNA

<213> Homo sapiens

<400> 177


```

accctctctg gccacatgga ggcagtttcc tcagttctgt ggtcagatgc tgaagaaatc      60
tgcagtgcac cttgggacca tacaattaga gtgtgggatg ttgagtctgg cagtcttaag      120
tcaactttga caggaaataa agtgtttaat tgtatttccct attctccact ttgtaaacgt      180
ttagcatctg gaagcacaga taggcatatc agactgtggg atccccgaac taaagatggg      240
tctttgggtg cgctgtccct aacgtcacat actggttggg tgacatcagt aaaatgggtc      300

```

<210> 178

<211> 298

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (298)

<223> n = A,T,C or G

<400> 178

```

actgctcctt cattcccaag aagaaaagac aagtactgct acttccaaaa ctcagacacg      60
acttgaaggc gaagtgactc ctaattcctt gtcaaccagc tacaagacag tgtcattgcc      120
attaagctct ccaaacataa agctgaatct cactagccct aaaaggggtc agaaaagaga      180
agaaggggtg aaggaagttg tacgaaggtc aaagaaattg tctgttccag cctcagtggc      240
gtcggaggat aatgggaaga ggaggatgcn ncatcncctgc nntacaggat gttactgg      298

```

<210> 179

<211> 300

<212> DNA

<213> Homo sapiens

<400> 179

```

gcaaggttgt gacattgtca cttttttgtt ctagactctt ttaaattttc tgcatttgcc      60
tgaaaagcac ccctgtaaga atagatttct catggctcta aaaattattc ccaagaatac      120
cttacttggt tcaaaagcag actgtttctc ttcatttcat ctcaaatacag acttctgggc      180
aagatgttct ttagagtaag caaacctaca acctaaaaat ctcttcaaga ggcattctctg      240
gtcttgtgac aagacctctt caaaaaccca cagtaaaact cccctccctc cagttggcca      300

```

<210> 180

<211> 300

<212> DNA

<213> Homo sapiens

<400> 180

```

attacttaga agcttataac gaaagctaaa aagcaatttt aatagggttca gtaaagccaa      60
ctaccacata gattttactt aatatgtata agaatacaag ataaaagatc tttagacact      120
ttacaaaact gccaaacttg ctaaaagaaga tgaacctgat aaacagccac aggtacacag      180
cctgtacact gaaatgtacg tgggaaagca cagtgcaga atttcttgag ctgtcctgag      240
ggttatgtta accagagctt ctcaacctca ctacatattc aaatggcccc ggagcttttc      300

```

<210> 181

<211> 300

<212> DNA

<213> Homo sapiens

<400> 181

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cttctaaatg tcctcctccc cacttgtttt attattactg tttttttctc tctttaatgt      60
ttttttttat agagacatgg tctcactatg ttgcctgggc tgatctcaga ctctcgggct      120
caagtgatcc tcctgcctca gcctcccaaa gtgctgggat tataggcgtg agccattgcg      180

```

cctggctctg ttactggttt tetaacctga gttacttagg atcatatattt cattcttttt 240
 taaaaagatg ggagttttct gaacttttcc ttaactaaaa agttggaatg catcttaata 300

<210> 182
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (300)
 <223> n = A,T,C or G

<400> 182
 gtacggtttt gttgaaccat atcctgacaa cacagatgac acagctgaca ttcagatggg 60
 gacagttcgt gaggcagcat tacagggaaac aaaaactgaa gctgaaaggc acctagtgtgta 120
 cgagcgctgg gatttcctat gcaaactgga gatggtaggg gaagagggag cctttgtgat 180
 agggannnnn nnnngctgac tgaagaggag ctgaccacca cactaaaggc actgtgcatg 240
 cctgctgagg agttcagaga gcttaagac caggatggag ggggagatga taaaaggga 300

<210> 183
 <211> 298
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (298)
 <223> n = A,T,C or G

<400> 183
 gtctaatttt ttccattttt ctctcctctt tctcaagtct tctttttgat tttacttttg 60
 cttttcctgc agttccttct ttatcatgta tgtgcttttt ggaactcttt ctgtcagtgg 120
 taaagtctgt agagtttcca gactgaagac tcagctctaa gcaaggtttc acttgcgctt 180
 caagattttc ctgatacaaa gacttttcca tgtaactttc atcactnnnn nnnnnngmtn 240
 tgtaaatcct tttgattntt gattnntccc ancatataaa nnntctntan nnctcct 298

<210> 184
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 184
 gaacagacaa gttctgtccc agcctctgct acctctaacc ccatggcatt ctatcctttt 60
 ctacactggg cttccatttc ttaccccaac aatgatctgt tcttccaggc gctgtcattt 120
 aatttcccag acacttgacc tccttctgat ttgtgtactc cctccaaggc tgagttgcag 180
 tgagtgcacaa taatctgtgc taattactta tcttgccaga agactcaaag ggtttatggc 240
 ttttactaac tgaactctat gctagatggt agggataaat ggtaaacagg acacagttct 300

<210> 185
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 185
 aaggccttag gctttttttt tgtaggggtga gagtggggga gagatctctt gctctgttgc 60

```

ccaggctggt ctccagctcc tggcctccgg cagtccctccc acctcagcct cccagagtac      120
taggattatg ggcattgagcc accacaccta gccaggcttt ttatattgag ttgggtatat      180
atgcttcata gccacacttt ataatatattgg agtatagtat taaattacag cttgttgtca      240
agtcagtgtt tctgtaagac agtatatcca atattgggtta gagtaacacc tatttggtga      300

```

```

<210> 186
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 186
aaaacttttaa gaaaaccaat gtttggggcc aagcaatggg gagcttggcc gacctcattt      60
tttttagtgat ttggaactca atctttaaaa tcttggaaga gaaggaaaaa aagggtgtat      120
attcgtgtaa tgacatccag atctcactgt tctcttggct cctagtgatg ggggaaaaaa      180
gggtgcgcca ggggtgaccc ttcagtaaca cctgcagcca tgcacatga cctccagggtg      240
ttcagaggcc ctgcccattgt gacacgtgcc tggtaacttcc catacatgtg cctctttaat      300

```

```

<210> 187
<211> 275
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(275)
<223> n = A,T,C or G

```

```

<400> 187
aannatnnna tatnttannn aacnnnaacn naccnannnn nnntanngaa nntaanaatn      60
aangnacnnt aangannnnn nntgaanacn tncannnaan tcnctaaaaa ngnggtanat      120
gacttcccct gctccgcatt ttgtaaaatg gcccctgggg gagtggtttt gctggatctg      180
ctccctctcg ctctctcact ccactacttt ttggaacaaa gtgatggcag aatgcggttg      240
tggtgggggt cttttgtact gttggattaa taaaaa                                275

```

```

<210> 188
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 188
cctcctgtcg gggaggcaag gtgggttttg accagacagg cgtgtctaag gggttatggtt      60
ttgtgaaatt cacagatgaa ctggaacaga agcgagccct gacggagtgc caggagcag      120
tggtactggg gtctaagcct gtgcggctga gcgtggcaat ccctaaagcg agccgtgtaa      180
agccagtgga atatatgcag atgtacagtt atagctacaa ccagtattat cagcagtacc      240
agaactacta tgctcagtgg ggctatgacc agaacacagg cagctacagc tacagttacc      300

```

```

<210> 189
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 189
gaacaagcac agcccaagcc agatgtacag cacacacagc atcccatggt ggccaaagac      60
aggcagcttc ctaccttaat ggcacagccc ccgcaaactg tagtacaggt gcttgcaagt      120
aaaaccacgc agcagctccc taaactgcag caggctccga accaaccaaa aatctacgtg      180
caaccccaaa cccccagag ccaaattgtcg ctcccagctt cttcagagaa acagacggca      240

```

agccaggtgg agcagccaat tataacccaa ggatcctctg ttacaaagat aacttttgag 300

<210> 190
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 190
 cgaaagccca tttcaagctt tgtgctgctt cttgatctac ctctttgtcc aggtggatac 60
 gctttgcctg gaggatttgc atgcgtttat tgcgcaggcc ttgtgcctcc aaggaaaatc 120
 cacctcgag cttgtaaatc tacagcctga ttacatcaac cccagagccg tgcagctggg 180
 ctcccttctc gtccgcggcc tcaccactct gggttttagtc aacagcgcac gtggcttccc 240
 ctggaagacg agtgatttca tgccctggaa tgtatttgac ggaagcttt ttcacagaa 300

<210> 191
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 191
 gaggatctgc cttctgagga agtggatcaa gagctgattg aagacagtca gtgggaagaa 60
 atactgaagc aaccatgccc atcgcagtac agtgctatta aagaagaaga tctcgtggtc 120
 tgggttgatc ctctggatgg aaccaaggaa tataccgaag gtcttcttga caatgtaaca 180
 gttcttattg gaattgctta tgaaggaaaa gccatagcag gagttattaa ccagccatat 240
 tacaactatg aggcaggacc agatgctgtg ttggggagga caatctgggg agtttttaggt 300

<210> 192
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 192
 gatctgcctt ctgaggaagt ggatcaagag ctgattgaag acagtcagtg ggaagaaata 60
 ctgaagcaac catgcccata gcagtacagt gctattaaag aagaagatct cgtggtctgg 120
 gttgatcctc tggatggaac caaggaatat accgaaggtc ttcttgacaa tgtaacagtt 180
 cttattggaa ttgcttatga aggaaaagcc atagcaggag ttattaacca gccatattac 240
 aactatgagg caggaccaga tgctgtgttg gggaggacaa tctggggagt tttaggttta 300

<210> 193
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 193
 ggctctgacc ctgcaggact gggcagccca gcggtgcacc atctcctacc gagccccaga 60
 gctcttctct gtgcagagtc actgtgtcat cgatgagcgg actgatgtct ggtccctagg 120
 ctgcgtgcta tatgcatga tgtttgggga aggccttat gacatggtgt tccaaaaggg 180
 tgacagtgtg gcccttgctg tgcagaacca actcagcatc ccacaaagcc ccaggcattc 240
 ttcagcattg cggcagctcc tgaactcgat gatgaccgtg gaccgcacac agcgtcctca 300

<210> 194
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 194

gaagaataact	gtgaattcta	tgactttatc	aaaatccagc	cacatccagg	agcttgca	60
tggtgaccaa	atgaatgatg	acatagagta	gttcagatct	atcatgtgct	cttctatcta	120
atcagtcagt	atttccttgg	ccctcaagcc	aacattcatt	ttttatgtat	aaccttcttc	180
atgattttga	aattttgata	gggtaactgc	taatgagttc	acaaatgtag	cactttaaaa	240
ggaaaataaa	tggagagtga	aaacaacttg	gctacgtata	attgtggggt	ttaatttttc	300

<210> 195

<211> 300

<212> DNA

<213> Homo sapiens

<400> 195

ggtgagcaat	atgaatataa	tgccaagtac	tgataaaaata	cggaattcat	ttagaatcaa	60
cataggtaga	cagactgttt	ttagtaaggt	tttgtttttt	ggtgaatacc	atgtttgggc	120
tgtcagactt	acttttcccc	tgagatccat	attttgtaca	tgacatacca	gatatatgca	180
atatgaaacg	gaaacagttt	ttcaatctaa	tatccaggag	tttgtgttaa	tatcttgtga	240
acttgtggct	cttggatatct	ggcattgata	aggctgtcta	ctaatectag	agaaagggaa	300

<210> 196

<211> 300

<212> DNA

<213> Homo sapiens

<400> 196

ttgagaacct	gcctctatcc	cagaatgtgc	tggagatttg	acactcaa	cagtgtttag	60
tcttctgctt	ggcaccatag	cttaacctgc	agtttcttca	aaatgcccaa	tgccctgttt	120
cctattacct	tagattgcaa	accagtctag	ggaagtctat	gagaaagtag	cattttaatta	180
aagtttaaaa	aaaaaaaggt	tgggcgttgt	ggctcatgcc	tgtaatccca	gcactttggg	240
aggctgaggc	gggtggatca	ctaggctcagg	agttcaagac	cagcctggcc	aacatgggtga	300

<210> 197

<211> 264

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(264)

<223> n = A,T,C or G

<400> 197

ctaaaggcag	cccccaagtc	ccagaaagct	gactccccta	gcacgcacta	cgcagagctg	60
ctgcagcact	ttgagaaggt	ccagaacaag	cacctggaag	tgccggacca	gcggagcggg	120
cgtggggacc	acctggaccg	gaggggtgtc	ctctgacagg	cctggcacgg	aggagggccn	180
anncgannng	ntncatgant	nnttnntgnt	gnnngcnntn	cngatgannn	nntnngganna	240
ngnngntnnn	actngntggn	nctg				264

<210> 198

<211> 300

<212> DNA

<213> Homo sapiens

<400> 198

cactcatttg	gaagagtga	ttttgtgagc	acaaagtatt	aagggccaag	actggggctg	60
cacatgagca	attatggggg	ggagttgaga	aaaaaaagt	tagcctgatg	gaggtctctg	120
gaatagaaca	agccttgccc	atgcaggctt	ccgagcagcc	ctgggtgggg	ttgtggggag	180

gccccagcg gcttgtggca gccttcagct ctgcaggagc ccgtggggtc tagagtcacc 240
 gccctctgtg aactggaagc tgctctaata ctgtgcacgt tttgatgtca caactatatt 300

<210> 199
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 199
 cctagaatatt gtggagctgg gttgtatcat aggaaatgca agctgtgctg gtgttcacag 60
 cttagagagga gaatgggttg atgtgcacct ggctctgcag gaagcccatc tcagggttatt 120
 gctgaggata agaagctggc actggaatgg ttggaaaggc tgtaagagct ccacatgcc 180
 cctggccctt tttgggtatg tggtgcccag acctgagctg ctatttagtc tgacaaagat 240
 agagggattt tttttcttcc ccctttgggc aacctgcca tgtattgtac agaggaaggc 300

<210> 200
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 200
 gagaggttca cagccaccaa gaagaagttt gcgtgaagtt ctccaggact atggaaacct 60
 tacaggatac tgacttagaa cctctgttgg aatgtggctg agtcaaagcc tcctgttggt 120
 gttaggggta tctacagtaa ggagatgata ctccaggaga ttatatttca ctcaatgatc 180
 ttttctcatt tcagggtctt tctcaaataa gctaaaagaa aaaggatcag gagacaggaa 240
 aagtcttccg ttttgagtca tgagtagggc aatagacaag gttctcttca aaaccatcat 300

<210> 201
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 201
 gcctggaccg ctcatcggga ctcgtcgggc agagcttttg tgctgccttg caccaggaac 60
 tcagagaata ctatcgattg ctctctgttt tacattctca gctacaacta gaggatgacc 120
 aggggtgtgaa tttgggactt gagagtagtt taacacttcg ggcgcctcctg gtttggacct 180
 atgatcccaa aatacgactg aagacccttg cggccctagt ggaccactgc caaggaagga 240
 aaggaggtga gctggcctca gctgtccacg cctacacaaa aacaggagac ccgtacatgc 300

<210> 202
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 202
 aaatatgcta cttagaaatt aaggcctctg ggttcaattt ttggccccag tgttgacctc 60
 tgtgtaagcc tggcaggatg tctcatttct gggtcacctt ttccttgcca acatagttag 120
 gtatgtagac caaatcattg ctaagagcct tctaacttta agactctagg tttagtcagc 180
 caaaagcatg tgattttccc agattttcca aactccttgt acctaatga aagtacacaa 240
 tgaacttgca agaatttaag catccttaga tgccagtctt cactttgggt attttcctgc 300

<210> 203
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 203

aattagtggga	gtgatctctg	aagacctagg	gctatgatct	ggagctgctg	tggctgaaat	60
ttggggcctc	tgaagtggca	tggagattga	ggccagaga	gcctgagatc	ttgagggctg	120
acatttggag	agatggggtc	gagggttgtc	tttgggcctt	gactgctttg	ggcctttctc	180
actctcattc	ccgggatgct	ttgccagaat	ctctgctgga	ttggccgtaa	ccctgtcccc	240
gagcgggctc	acaggggtctg	aaggccacgc	atgaggcaaa	ggtaaagttc	tgagccaccc	300

<210> 204

<211> 300

<212> DNA

<213> Homo sapiens

<400> 204

cccggataaa	atatcaatta	tgaagaggat	atctgaatat	gcagctgaca	ttttctatag	60
tagatatgga	ggaggtccaa	gactaactgt	gaaagccctg	tgtaaggaat	gtgtagtaga	120
acgttgtcgc	atattgcgtc	tgaagaacca	actaaatgaa	gattataaaa	ctgttaataa	180
tctgtgaaa	gcagcagtaa	agggcgatgg	attttgggtg	gggaagtcct	ccttgccggag	240
ttggcgccag	ctagctcttg	aacagctgga	tgagcaagat	ggtgatgcag	aacaaagcaa	300

<210> 205

<211> 300

<212> DNA

<213> Homo sapiens

<400> 205

cacaagcaac	tttgcttttag	aatctagaat	tcctttgcag	gcagagaagt	ctctacctcc	60
cagtgtttcc	tagctaagaa	cgtaaatgtg	aggagggaaa	tgtacttgca	gaggtttcat	120
aattattttac	ttataaaaaat	agtcttcata	gccggggcgcg	gtggctcacg	cctgtaatcc	180
cagcactttg	ggaggccgag	gtgggtggat	cacaaggtca	ggagtccgag	accatcctgg	240
ctaacacagt	gaaacccccgt	ctctactaaa	aatacaaaaa	attagccggg	cgtggtggca	300

<210> 206

<211> 300

<212> DNA

<213> Homo sapiens

<400> 206

ggccaaagag	gtgctacatg	cattgaaaga	aaagggttact	tcactacctg	acaaccataa	60
aaatgccctt	gctgctaaca	tagatgaaat	tgtattttaca	tcaacaggag	acatctccat	120
ttactatgat	gagaaaggaa	ggaagtttgt	taacatcctg	atgtgctttt	ggtatctaac	180
cagtgccaac	atccccagtg	aaactttaag	aggagccagt	gtattccagg	ttaagttggg	240
gaatcagaat	gtggaaacta	aacaacttct	tagtgcaagc	tatgagtttc	agagggagtt	300

<210> 207

<211> 300

<212> DNA

<213> Homo sapiens

<400> 207

gaaatcagta	gccccagaga	tacctggcaa	tagctttttg	agaatctgga	atacagttag	60
cactcaaaca	tttgtagaat	gaagggcagt	agaattatca	tttctcctcc	tgtctaataa	120
ctgtgacaag	ggagtggccg	gtgacttttt	ttggtagagc	tttttcaaga	aaaagtttag	180
tcctacggac	agttcggtag	ttattctact	tcagacactg	ggcatgtttc	atgttcttca	240
aaaagcccag	ttatactttg	gttttttgtt	gtttgagacg	gagttttgct	cttattgcct	300

<210> 208

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 208
 ctgctataaaa agtatgattg tcgtcattac agtgattgct gattgagggc ttgctcagca 60
 cctttctggg ggctcaacga atgttctgtg atgttgagtt caccacccta taccctggga 120
 gagagatagt gtgtttccat ttcacaggtc agcagactcg agcacagaga ggtgaggtaa 180
 cacagcctgg caggagtggg gttgggattc aaggcctggg ctgaatgggtg gtgctctcac 240
 attgcagttg cactccaagg gacccttgca aggtgctaac agatgtgaat gccttttgga 300

<210> 209
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 209
 catttgtaaaa gctgcaggga aagaggttcc acttcccagc aaccccatcc taatggctta 60
 tggcagtatc tcaccttcag cttatgtatt agagattttt aaagggatca agtcagagtga 120
 gctggaagaa tctctacttg tgctgccttt ctcttatgtc ccagacattc ttaaactcct 180
 taacgaattc attcagctgg gctctgatgt tgaacttata tgccgggtgcc tcttcttctt 240
 ccttaggatt cactttggac agatcactag caatcaaagt cttgtgccag tgatagaaaa 300

<210> 210
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 210
 ttcatcttct gctccaaagg tggtagcaag aggagtaccc agttaggggt tggagccccc 60
 atataacatc ttctgtcag aagactgatg gatctttttt attccaacca tctccctttc 120
 ccccgatgaa tgcaataaaa ctctgtgaca ccagcaacca ttgctcttta gaaatggggt 180
 ttctgatcat atggctgatg tggtatgggc agtatggatg tcttcatttg ttgcttctgt 240
 ttttcatctt ttttgtttta ttaataaaaa tttatgtatt tgctcctgtt actataataa 300

<210> 211
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 211
 gttacatcaa gagataaata gagtgaagca gaactagtgg tgcggaccag ctgccagca 60
 acagaagggg ttgtagtggg cctggcagtg gacagggagg ttggctagaa ctattacctt 120
 aggtccgtga taatatccct gaatccaact tttcagaaag aaataggtaa catatttttc 180
 accaggaagc ttcacccaga cactgaacag aatgggtctca gtgcactaat ggaggctcag 240
 ttaaaggggt gtggtagcac aaggaagaga cattctgact tggaaatttg gagaaggctt 300

<210> 212
 <211> 262
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (262)
 <223> n = A,T,C or G

<400> 212

gtccaatagc	tgtgaagctg	gcagcccttc	caagcctggg	cagatcctaa	aaagacagca	60
ggcagagggc	gcagggctta	tggcctggcc	ggagttggga	ggtgaagcag	agggcacagg	120
gcttatggcc	tggccggagg	tgggaggtga	agcagagggc	gcggggctta	tggcctgtct	180
ggaggtggga	ggtgaagcnn	nnnnnnngag	gangttncnt	ntgnatnnnn	ntnntnanna	240
nanantnnnt	ntnnnannnn	tt				262

<210> 213

<211> 300

<212> DNA

<213> Homo sapiens

<400> 213

agcactggat	gaaaacaagg	atggcaaggt	caacatcgac	gacctcgtca	aggtgattga	60
gctgggtggac	aaagaagatg	ttcacatctc	caccagccag	gtggctgaga	ttgtagcaac	120
actggaaaaa	gaggagaagg	tggaggagaa	ggagaaggcc	aaagagaagg	cagagaagga	180
ggtcgcagag	gtgaagagct	agaaccactg	gcctgggcac	ctgtcctcct	gctgtgccgt	240
cacctgggca	agggccgtga	gggcgattgc	tttgtgggtga	ttctcagtgg	ctcatctaat	300

<210> 214

<211> 300

<212> DNA

<213> Homo sapiens

<400> 214

cttttctgga	gggagacacc	catctcctgc	ccttggacat	caggactcca	ggttcttcgg	60
cctttggact	caggcttgcc	acagaggcct	cccagggctc	tcggccagtc	agcctcagaa	120
tgagagttac	accactggct	tccttggttc	aaccaccttc	ttacctggac	tgagcctcac	180
ttacagcttc	tctaggtctc	cagcttgacg	acagcctatg	ggaggacttc	tcagcctcca	240
taagtgtgtg	ggccagttcg	cctaataaat	cccctctcct	ggccggggcg	ggtagctctc	300

<210> 215

<211> 300

<212> DNA

<213> Homo sapiens

<400> 215

cctgacggag	gctttgctgg	ctgtggtgat	ggggattgag	ttgggggcaa	gggtccctgc	60
ctagactgtt	gacgtcccct	gggaagggga	cccaaggatg	aattggctgt	gaaggatcct	120
ccctgagact	ggcaaggagg	gaggctgagc	agaaggagtc	atcatggagg	agcggtgaga	180
tcatggaacc	ggactccaag	atgacgatct	aaagaccggg	gagccagaag	ccaaggccag	240
gttctgggtg	tagggcccag	agaagcagaa	cagcccagag	ccccaggtgc	ctggcctggc	300

<210> 216

<211> 272

<212> DNA

<213> Homo sapiens

<400> 216

cttagccaga	tcgggactta	cagaagtcta	ccaatggtat	ctggaccttc	gtcgatttgg	60
atctgtgcca	catggaggtt	ttgggatggg	atgtgaacgc	tacctgcagt	gcactcttgg	120
tgttgacaat	atcaaagatg	ttatcccttt	cccaagggtt	cctcattcat	gccttttata	180
gctggaagat	tgggttaagga	aaagcaccct	ccatggcaga	gacactgcac	atgattgtgc	240
atacagcaga	atgcatgttt	ggattttaga	aa			272

<210> 217

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 217
 gaacttttga agagaaaaat tcgagctaga gggattctta aagccttaag ttacttgaaa 60
 tctatgtatt tgcaaccctt tgtctctgga atcatattac actaaactgg aatctcaggc 120
 tgaatgagaa taaccaagtg gagtaaaaag aagaaaaccg tttcttgatc accacttaat 180
 taacgatgct ctttctccaa aggatcagca cgttcttctt ctgagaactt gaaaatacaa 240
 atggacccca tgttttttta agcattacct tttcttagaa gactgccatc atcttttata 300

<210> 218
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 218
 cccaggcgta aatagagctc cctactccag accacctgcc acccacctcc caagttgaga 60
 acacaagctc cagctgggct ggagagtcag gcttggtgca gggtgacttt ggcgaagttt 120
 tgtcagatcc ataaagcaaa ctggaatttg agctttcact taccctagta tacgttctta 180
 aaaaaaaaaa aagtctatgg ggtataatcg agatggatac ctgggtcttt aaattacgta 240
 ggggaattttg tatgttttaa taattgtact gggttccata aagcttatct taaaaacttt 300

<210> 219
 <211> 297
 <212> DNA
 <213> Homo sapiens

<400> 219
 ggagatccag atattcttag acctgctgtt tgaacctgtg aggcatttca agaattggaga 60
 gtgccattct gcagtcattc aagcagtaga agacttgat ttgtctaaag ttcttccttt 120
 aggtcgtag caccgtatct taaacagcct tgagatagta ttgaaaaaca ttagtcatct 180
 gatcagcgca tacctgccga agattttgca gatactgctc tgtatgacag caaccgtatc 240
 acacatcctt gaccaacgag aaaagatacg gctgagattt attaatccat tgaaaaa 297

<210> 220
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 220
 gtggggtagg catgggggtg gacaggggtg acgggctcca cagagacagg atggtggagg 60
 gagttgtgtg cagttgaact tgatcctgta gttggttttg acctggtgtg gtccctccat 120
 gctgtggaag tgaaatgtga gggaacaggc ctgggggcag tgaggagagc aggacaagcc 180
 tttcatctaa aaggtggcac agagcttaag gccaggagg aaggtatgaa gaaaagggtga 240
 ttgagaacta attaccaagg gaaactggca agacaactgg atgctgtgaa tccgaatggt 300

<210> 221
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 221
 taaagctgct gtgatggcca cccttctott tccaggacgg gagtttaaaa ttacacatca 60
 agagatgata aaaggaataa agaaatgtac ttccggaggg tattatagat atgatgatat 120
 gttagtggta ccattattg agaatacacc tgaggagaaa gacctcaaag atagaatggc 180

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tcattgcaatg aatgaatacc cagactcctg tgcagtactg gtcagacgtc atggagtata      240
tgtgtggggg gaaacatggg agaaggccaa aaccatgtgt gagtgttatg actatattatt      300

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<210> 222
<211> 300
<212> DNA
<213> Homo sapiens

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```

<400> 222
gagaggagca ggtgcagtga ttcataccca ctctaaagct gctgtgatgg ccacccttct      60
ctttccagga cgggagttta aaattacaca tcaagagatg ataaaaggaa taaagaaatg      120
tacttcggga gggattata gatatgatga tatgttagtg gtaccatta ttgagaatac      180
acctgaggag aaagacctca aagatagaat ggctcatgca atgaatgaat acccagactc      240
ctgtgcagta ctggtcagac gtcattggagt atatgtgtgg ggggaaacat gggagaaggc      300

```

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<210> 223
<211> 271
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1) ... (271)
<223> n = A,T,C or G

```

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<400> 223
attggggact gacatcttaa gctctcacct ggctgcagta ggaaaggcca aactgacgac      60
aaaaaaaaaa ttctttataa agatgatatg gtaacatgta tctttgccct ggggtctgggt      120
gggtccagtc agtctcagat ttacaagcat ttatgagcct aggtaaaagc tgctaataatt      180
cttttaaaag cnnnnnnnnn nacttgccctg atagaaaact ccttcggggg gggnggattt      240
tataatanta cgtgngnnct naacanagtn a                                271

```

```

<210> 224
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 224
aagtctgttg ccattccatc tctgtgttaa cacttcatat ttttatgaaa ttcagataat      60
ttgtgagagg ctggcatgga tctaaggatt tattattttt attctagtcc atcagttcag      120
tcgcagtttt tatactagga ctttaggatg tacataaatg tgtgactggt tgtcttgatt      180
aaaagtgcac tttggcctgg gcatgggtggc tcatgcctat aatcccagca ctttgggagg      240
ccaaggcggg tggctcactt gaggctagga gttcaagact agcgtggcca acatgaggaa      300

```

```

<210> 225
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 225
gctcagcagg cagacgaatg aggaataaag gtcagagaag gtcagagctg agtgacgttt      60
ggaatccacc cggtttattg tagaactggg gggttcagagg gcagggtgcct cagagttgag      120
gccacacagt gaggtctggg ggggtgaaagg acccaggaac gaggcgttca ggaaagcagg      180
ttgtcagagc tatgtggagt ctgtgggtgg caggggcagc cgctccagcc tttgaagact      240
ttgaaagcca gagattcctg gcgcaggctt ggacttctct ggagctctct caagtaccca      300

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<210> 226
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 226
 gtgggtttcct gcacatcttt ggagtagtta tgactttctca gttttttcccc ccttaaactg 60
 cattgectat tcttttttcc tgacatgcta tcaggtatca gtgtgttgaa tacatactgc 120
 ttgtgtatca gacttacgtt actgtcatca ccattaaaag aattgcagct ttgtgcccc 180
 tgaccttcag ctcagttgtt gactgtcatt catgaatgcc taaagcatac tgacaccagg 240
 tataagtact tgaagatcaa gaactagtca ataaaacatg agcaacataa tggtaactat 300

<210> 227
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 227
 acagggtcaa aattttcatt ctgcataagg taggtttagt cttttttcaaa acattctagt 60
 aggcaagtct gtagctgaat cttggaagaa aggcaaccat agtaatatct ttgagttcct 120
 actgtttatt ttttcaataa aaactcagggt tctcagggtta gcagatcatg gtcttaggaa 180
 ggtagctgta gaacccaaaat ataaattcct aagcttctac caattggggtc ttactgaaat 240
 ggcaattgag agagaagtaa atctcttggt tttcaccata gttactttat gtttcctttc 300

<210> 228
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (300)
 <223> n = A,T,C or G

<400> 228
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 ccaggctgcc attattattc agaagcattg taaagccttt aaaataagga agcattatct 120
 ccacattaga gcaacagtag tttctattca aagaagatac agaaaactaa ctgcagtgcg 180
 tacccaagca gttattttgta tacagtotta ttacagaggc tttaaagtac gaaaggatat 240
 tcaaaatatg caccgggctg ccacactaat tcagtcattc tatcgaatgc acagggccaa 300

<210> 229
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 229
 ggtgccatgg agttcaccat ctgcaagtca gatatcgtca caagagatga gttcctcaga 60
 aggcagaaga cggagaccat catctactcc cgagagaaga accccaacgc gttcgaatgc 120
 atcgccccctg ccaacattga agctgtggcc gccagaaca agcactgcct gctggaggct 180
 gggatcggtc gcacaagaga cttgatcaag tccaacatct accccatcgt gctcttcac 240
 cgggtgtgtg agaagaacat caagagggtc agaaagctgc tgccccggcc tgagacggag 300

<210> 230
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 230

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aatccccacaa agcctagcac caaacttctt tttttcttcc tttaattaga tcataaataa      60
atgatcctgg ggaaaaagca tctgtcaa ataggaaacatc acaaaaactga gcactcttct      120
gtgcactagc catagctggt gacaaacaga tgggttgctca gggacaagggt gccttccaat      180
ggaaatgcga agtagttgct atagcaagaa ttgggaactg ggatataagt cataatatta      240
attatgctgt tatgtaaatg attggtttgt aacattcctt aagtgaatt tgtgtagaac      300
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<210> 231

<211> 300

<212> DNA

<213> Homo sapiens

<400> 231

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cacaaggaga agaaagttaa ttaacattga aagatgagaa gacatcttgg aagaacttga      60
attgggcctt ggaagaagaa cagccattca aatagataga attgtggtag caaaggcata      120
gaggtaggaa agtatagatc tccagggaca gtagtcatgg ggttggggca ctgttggaat      180
ttaaggttgg aaggatatat tggagccctt tgaatacggg aacaaggcac accttgggca      240
gtggagagtt atcagagtgt ttgaaaagga gggttattga gtaaataaat agactggtac      300
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<210> 232

<211> 300

<212> DNA

<213> Homo sapiens

<400> 232

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gttaaactgt cagtattgga tcttagaagt aaatgattat taggactgta atagtaatta      60
ttaggactgt aaaagtaaag gattattatc tgcattagat atcattatat ctaatgatat      120
agagactgca gacataacta cagggctctt tttcttaaat cagaaaatcc agattcaata      180
gaaatagggg aaagtgatag gaggacaaat agccttccat ccagtgggta tcaactgacg      240
actacaagtc ggcctcactt gctttaatta ttctattcta tcctttgatg ctgcttgaag      300
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<210> 233

<211> 273

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(273)

<223> n = A,T,C or G

<400> 233

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ggcagctaga gtcaggaaaa tgaccctcat atgcttttaa tctttgtttc agttgtctgt      60
cagggttgaa ttaagaagct actggtttat tcccaattgt tgatgccttt aggtatgttg      120
gaatcttttt ttttgcttag gaggggccag ttgaaaatct gtgactcaag aggcagtga      180
cagaatactg ttttctgggg aaaaattggt tggctacttg atgttaattn nnnnncagta      240
acagganaag gntgtgtctn ngctattntg nng                                273
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<210> 234

<211> 300

<212> DNA

<213> Homo sapiens

<400> 234

ccacctctca	gacgtgagta	aggaattgcc	ctccttgtct	cagtgggaca	aggcttgaag	60
ctaattggag	gaggtggaga	gaaatttaga	gggggtcctg	gttagggtag	ccataaaaat	120
agagatgctt	gggatgttct	gagcaaagga	gccagaatgc	agagaacagg	accacagccc	180
tagtagctag	ggggggagtt	tgagatgcag	cctgggggtg	ccctgcctaa	tttcagagac	240
ttaagggcca	gtgtcagtga	cagggtcagc	aggggtgggt	gagaatctgc	ttaaggctag	300

<210> 235

<211> 300

<212> DNA

<213> Homo sapiens

<400> 235

ccttccacgg	ttatttcaca	gatatggaga	gctggaagca	gggagtgagt	ctctgagtgt	60
tggaattgta	agggatcaga	agcagggatc	agaagcagtg	gtgaagttca	tccaccataa	120
aacacacagg	tgactttgcc	ttgaatctgc	aggactgaag	ccaactcttg	ggcacagacc	180
cttagtccct	tccttggcca	ctctaagtca	gatagtccag	agccaggccc	tttgggatgt	240
gacaccgaga	taaatcagag	aaaagctgtg	aagcttgggg	aacagaggga	cttttgggtga	300

<210> 236

<211> 300

<212> DNA

<213> Homo sapiens

<400> 236

cagtgaagatt	cctcttctgg	tattaccttt	gcttcattgc	tgaatcttct	ccaatatcat	60
cttctaaaaa	gagcctttta	aaatcacctt	ttctattatg	ccctactcat	ttccagtccc	120
tgaattgccc	attccccact	tcatagcact	tattgctatc	tgaaattaca	ctaaatgtca	180
ccttcatgat	ggtaggcaat	ttattgcctt	tgctactgtt	atgtctagag	aacaagcagc	240
tggctcatag	taggcactca	acaaatattt	gttcaatgaa	gaatttataa	atgaatgcct	300

<210> 237

<211> 274

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (274)

<223> n = A,T,C or G

<400> 237

ctgggctgca	tctggccctg	gctggaggcc	ttgctttgag	gggctgagac	cctcttcccc	60
caggccctcc	ccagccgacg	acagccaccg	gagaggagat	cggaaacacga	ttgnnnnnnn	120
tgcagggcgc	tgggcggaac	naatccncaa	ggactctgan	atnnnccctt	gnnantnncn	180
angngannna	nnananannn	ntatacatan	ancnnanac	ccnaannaca	nacannngnc	240
anancnannn	nancannnnn	aannagnnna	nnna			274

<210> 238

<211> 300

<212> DNA

<213> Homo sapiens

<400> 238

tgtcaccttc	tcccacagcc	atttccaccc	atcgttgtct	agaatctctt	tcattagcac	60
attccaaccc	ctctgccact	tggtttagaa	atgagctccc	tggctcagtg	ggcctttcag	120
aatctggaac	cagacggagg	tggagttaag	aagataggac	agaacaggca	ggcccaggtg	180

ctatgggttcc actggggaga gaccatttaa ttctccagat gctttactcc ctgattgtct 240
 tttagccatt attcttttcg ttttaagaga catggtctca ctctgtcacc caggctggaa 300

<210> 239
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 239
 caggattgtt ctttttgtct tttgtttgtt ttggggaaca ggggtcaaaat tttcattctg 60
 cataaggtag gtttagtctt tttcaaaaaca ttctagtagg caagtctgta gctgaatctt 120
 ggaagaaagg caaccatagt aatatttttg agttcctact gtttattttt tcaataaaaa 180
 cttaggttct caggtttagc gatcatgggc ttaggaagg agctgtagaa ccaaatata 240
 aattcctaag cttctaccaa ttgggtctta ctgaaatggc aattgagaga gaagtaaadc 300

<210> 240
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 240
 gcactgcgtc aagccactcc tggagaagaa tgatgtggag aaagtggagg tggatgtttt 60
 ggataaagag caccgcccag tggagaaatt cgtctttgag atcaccagc ctccactgct 120
 gtccatcagc tcagactcgc tgttgtctca tgtggagcag ctgctccggg ccttcacact 180
 gaagatcagc gtgtgcgatg ccgtcctgga ccacaacccc ccaggctgta ccttcacagt 240
 cctggtgcac acgagagaag ccgcccactcg caacatggag aagatccagg tcatcaagga 300

<210> 241
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 241
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 gatgtcctcg ctctaagcac atgatgtttt ttggggaaag tggtagcagg tagagggagg 120
 cagaaagtgt gagaagcact tgtttagagt gaccagaca tgcctcttga attgaattcg 180
 gtgatctgct tcttcagctg ctttcttgct cctgcccagc aggatgccag gaaacacata 240
 gccctgtaga aatcactgg agaagaggat gattggagtt cttcatttct taaaaaacag 300

<210> 242
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 242
 aatgaagtc cttgagccag aaaaggatac cagccccact gttaagtgat gattgtgtgc 60
 taaagcagcc taagagttct atcctaacac aagagcctag aaagtaactt cttaggcagt 120
 gtccaaagaa tgccagtagt ccttggggac ttttcagagg tgcttggtt gaataaattt 180
 ctatgccca aagcagagtc ttcattgcaca ttttgccggt gtagtgtaca gcaaatggct 240
 cttggctagg tttagaatgc tgcttttacc attctctgta cctgaccagc tttgagcttc 300

<210> 243
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 243

agaacgttct	caggttgacc	agctgctgaa	tatttcttta	agggaggaag	aacttagtaa	60
gtcattgcag	tgcatggata	acaatcttct	gcaagcccgt	gcagcccttc	agacagctta	120
tgtggaagtt	cagaggctac	ttatgctcaa	gcagcagata	actatggaga	tgagtgcact	180
gaggacccat	agaatacaga	ttctacaggy	attacaagaa	acatatgaac	cttctgagca	240
cccaggtttg	gcatagaaat	ggtacccctt	gttcaaaatg	aacaagaagc	cttagatttg	300

<210> 244

<211> 300

<212> DNA

<213> Homo sapiens

<400> 244

ctccagtata	acctcatctg	tatccgcagc	aaccggtttac	caataaggtc	acattctgag	60
gtactagagg	ttgggacttc	aacatcggaa	tttgaaaggg	acagcattca	gcccattgact	120
ccagataaac	gtgaggtatg	ctatatcatt	cctaattttac	agatgagtca	atacaaaactt	180
gagtgaagctt	gtcacaatt	ccatcaaagg	caggggttcag	acccaagttt	cagcatttag	240
ggcaggtgtc	ctctgcatgg	aagaaccata	ctcaatagcc	gtaaacgctg	acaaattccc	300

<210> 245

<211> 300

<212> DNA

<213> Homo sapiens

<400> 245

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cacagaggcc	tcacgaaga	atatttttgg	ccgatactct	tcacagcgga	tgaaggattg	120
gcaggagatt	atagctctgt	atgagaagga	caacacctac	ttagtggaa	tctctagcct	180
cctgggtcgg	aatgtcaact	atgagatccc	ctcactgaag	aagcagattg	ccaagtgcc	240
gcagctgcag	caagaatata	gccgcaagga	ggaggagtgc	caggcagggg	ctgccgagat	300

<210> 246

<211> 300

<212> DNA

<213> Homo sapiens

<400> 246

tggtctgtca	ccactccatt	ggcctgcctg	cgcgcgaatt	cccttcgggtg	ggccccgggtt	60
ggctgcaggc	tgaggtctat	tccactgacc	acccctctcg	gtgccgcca	cagtgatect	120
ggtgcacgcc	tcgttgcgcc	tgcgcaacct	taagaacaag	attgagaaca	agatcgagag	180
cattgggtctc	aagcggacgc	caatgggcct	gctactagag	gcaactgggac	aagagcagga	240
ggctggatcc	taggccccctg	ggatctgtac	ccaggacctg	gagaatacca	ccccaccccc	300

<210> 247

<211> 300

<212> DNA

<213> Homo sapiens

<400> 247

agaaaaacaa	cagagagaaa	aagaatacct	gagatatgta	gaagctttac	gagcccaaat	60
ccaggagaaa	atgcagctgt	ataatattac	tttacctcca	ctatgctgtt	gtggctcctga	120
tttttgggat	gtcatcctg	atacctgtgc	caacaactgt	attttctata	aaaaccacag	180
agcatatact	cgggcactac	attcattcat	caattcctgt	gatgtccctg	ggggtaattc	240
aactcttcga	gtcgcaattc	ataattttgc	ttctgcacac	aggcggactt	tgaaaaatct	300

<210> 248

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 248
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 gagtgttttg agaatggcta agagaagata gggtgaatag ctatgcctac atgtcactaa 120
 ttaacatctc agagatctct gctacagggt gtcgtcctca ttttgtctaa tatttttcca 180
 atggcatgag tataggaaga taaacgggga atgttttgaa gtaataaaaa aattccatcc 240
 ataaagaaga acaacatgta ttaagctttg tgcaccaaac aacacaacag gaagacacat 300

<210> 249
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 249
 tgttactggt gcccatatag atgtggataa acaaaaagat aagaatggcg agagaatgat 60
 cacaataagg ggtggcacag aatcagcaag atatgcagtt caactaatca atgcactcat 120
 tcaagatcct gctaaggaac tggaagactt gattcctaaa aatcatataa gaacacctgc 180
 cagcaccaaa tcaattcatg ctaacttctc atctggagta ggtaccacag cagcttccag 240
 taaaaatgca tttcctttgg gtgctccaac tcttgtaact tcacaggcaa caacggtatc 300

<210> 250
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 250
 ggggcgctg ctcaagttcc agatttgtgt ttcctgaggt tataggcggg tgtttgagga 60
 gtacatgcgg gttattagcc agcggtagcc agacatccgc attgaaggag agaattacct 120
 cctcaacca atatatagac acatagcatc tttcctgtca gtcttcaaac tagtattaat 180
 aggcttaata attgttggca aggatccttt tgctttcttt ggcattgcaag ctccatgcat 240
 ctggcagtg ggccaagaaa ataagggttta tgcattgtatg atgggttttct tcttgagcaa 300

<210> 251
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 251
 tgaagaggag atcggtgacc tgggctcctt atgtgcctga aagagtttga gtttctgtt 60
 aactccaaat caacagtatt ttcaacaaga aatgtgcaat tgaaatcaag tgctgtttta 120
 gtgcagctag gatttccaca ggaagacact tgcagtgaac agagttatgg agcagcaaaa 180
 acacagatct atttggaaaa agagaaaaca tatgcgttgt attttgcttc aattataaaa 240
 taccatcctc tcaaagggtg ttctaaatta caaaggactt tgatttctag gtagattctg 300

<210> 252
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 252
 gaacaaagaa ggaatgtctt cctcatgttt ggggtctatag aagacgttaa agaaaacttc 60
 cagaaagtgg gtttgaggca tgagccacca cgctggcca aaggatttaa tgaattaatg 120
 gatgtacagt gctggggctg ttattctagg gcctgcattg agactcacat tttgccatca 180

aaagcctttt aagaggtgga ggttgcggtg agctgacatg gtgccactgc actccggcct 240
gagtgacaga gtgagactct gtctcacaaa aaaaataatg ccctttaaat aatgaataat 300

<210> 253

<211> 300

<212> DNA

<213> Homo sapiens

<400> 253

gaacaaagaa ggaatgtctt cctcatgttt gggctctatag aagacgttaa agaaaacttc 60
aagaaagtgg gtttgaggca tgagccacca cgcttgcca aaggatttaa tgaattaatg 120
gatgtacagt gctggggctg ttattctagg gcctgcattg agactcacat ttgcatca 180
aaagcctttt aagaggtgga ggttgcggtg agctgacatg gtgccactgc actccggcct 240
gagtgacaga gtgagactct gtctcacaaa aaaaataatg ccctttaaat aatgaataat 300

<210> 254

<211> 300

<212> DNA

<213> Homo sapiens

<400> 254

gttacccttc agataaagaa gggaagaagc ctaaaggaca gtcaaagaag cagcccagtg 60
gaaccacaaa aaggccaatt tcagatgatg actgtccaag tgctccaaa gtgtacaaag 120
catcagattc agcagaagca attgaggctt ttcaactaac tcctcaacag caacatctca 180
tcagagaaga ttgtcaaaac cagaagctgt gggatgaagt gctttcacat cttgtggaag 240
gaccaaattt tctgaaaaaa ttggaacaat cttttatgtg cgtttgctgt caggagctag 300

<210> 255

<211> 300

<212> DNA

<213> Homo sapiens

<400> 255

gggctcttgt cattttctcg ctctgtggca ctgttcagag gatatcacgg gccccttgat 60
ttgtatccag aattttaccg aattgctaca gacccaacca tccacactgt ccagaaggc 120
agacctgtga atgtctgagt gggaaaagag tggatcgat ttcccagcag cttccttctt 180
cctgacaatt ggcagcttca gttcattcca tcagagttca gaggtcagtt accaaaacct 240
tttgagaag gacctctggc caccgggatt gttcctactg acatgaatga ccagaatcta 300

<210> 256

<211> 300

<212> DNA

<213> Homo sapiens

<400> 256

gctttggaaa ttattagata taccctatcc ccttctctcc atttttttcc tgctagtgc 60
aaaggtagat gagtaggaag attaggactc ctgagttgcc catgatttca tctaattttt 120
ggattcagaa tgtattttat gaataatatg cagagatgca tattaggaat gtgaagccag 180
aatgggtcag ttgtagctgc tgcaaagtcc tgtagctgat ggtcatttaa ttgcatggg 240
gttattttat ctttcatgat tgtggtgcac ctgatgctgg cggggatttg tgtgtttttg 300

<210> 257

<211> 300

<212> DNA

<213> Homo sapiens

<400> 257

gccagggtgta	ttaggatcctt	ttagatgtag	tttaatgaag	agtttatggc	ttaaagtgag	60
acagtattac	ttcagagctc	agcttctctc	cttggatttt	ctctcagcaa	atgggagaag	120
taacgtctgc	ccttcggagt	tgttacaagg	agacaagata	aacacagggc	ccaagtgcct	180
ggtaaattgg	aagtgcctgt	attagagtca	gggtgtctag	tcacaggtcc	tcaacagata	240
cagctttggc	agtaggaggt	gcagctgacc	tgagctgttt	ttaaattaaa	attaaagcca	300

<210> 258

<211> 300

<212> DNA

<213> Homo sapiens

<400> 258

atttgatgct	acaaagagct	ttgttgaatc	ttcagaaaac	aaaatctgaa	gggcagagcg	60
aagggaatgct	ggcatttttg	aaaccctttt	gaggcttatg	ttgtcatggt	cataattcag	120
ccgatagaga	aaaaaccgag	aaactgtaga	ataggctatc	caacttcac	atggggagat	180
acagctacag	ataatgttct	caggaccctt	tgtctttagg	tgacgtaaat	gatctgcatt	240
tttagagagt	ggaagagtat	ccccattctt	gcctgttgca	actgtggatc	ccagtcgcca	300

<210> 259

<211> 291

<212> DNA

<213> Homo sapiens

<400> 259

ctacacagtt	cccattcatt	accttaacat	tgtactgaga	gagaccagc	tctgacctgt	60
atagcagttt	gagtcgaggg	gctgtcaaag	gggttgccaa	agtcactctaa	aggacttggc	120
aacagaagta	gcattatgac	ttggatccac	ttctttatag	accaatattg	gcagccatga	180
aggctggctt	gtcctgggtg	cgggaattcag	tttttagtgg	tgaatgcaca	gacagcagga	240
agagagaata	ggggacaatg	aacaacagag	agagaagaaa	tgacgtgtgt	a	291

<210> 260

<211> 300

<212> DNA

<213> Homo sapiens

<400> 260

tgtacttatt	cttgattgcc	acgtctcatt	tggattcccc	agactctgat	tagaggcact	60
gccaccagga	gagattttat	ctaaccaata	gtacttcacg	gaagatcctc	acccttgtac	120
tttcaagaag	cacttgtaat	taatgttcag	cttcctgaac	actgagtggc	acttgaaaat	180
ctctgtgggt	tatagcctta	caaaagctac	tctggaggct	gaggcaggag	aatcgcttga	240
acctggggag	cagaggttgc	agtgcgcca	gatcacgcgc	ttgcactcca	gcctgggcga	300

<210> 261

<211> 300

<212> DNA

<213> Homo sapiens

<400> 261

ccggacgcag	gccctcgggc	aggagcatct	ggcagagtgg	ggggcggtgg	aggcaccctc	60
ctttgcaggg	cgaggtgggg	cctctgcagc	catcctggac	aggccggggc	ggcggcagct	120
ttgcccacgt	ggaagcgggg	tgggtctcac	ttgcgtgggtg	gcccctggcc	ccatcttgcc	180
tgctgcggcc	tggggagcag	gcgctgggtg	gtgggtctctg	ctgcttgctg	ctcgctcccc	240
gggcatgcgt	gggcagcggg	gggcatgcgt	gggcagcagg	gggcgggtgg	cagcgggggc	300

<210> 262

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 262
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 tttaaatccc tgggcagcac cgcagggaca gatattaccg tcaacagtgt gattctactt 120
 cctaaaaacc ctgagcactt tgtgggtgtgc aacagatcaa acacgggtgg catcatgaac 180
 atgcaggggc agattgtcag aagcttcagt tctggtaaaa gagaagggtg ggactttgtt 240
 tgctgtgccc tctctccccg tggatgaatg atctactgtg taggggagga ctttgtgctc 300

<210> 263
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 263
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 cacaaagcat atttaaaagg ctcttggcac gggcagcatt ggttgagcag gtaggtttgg 120
 ctagggggaa atgtttaact tgttctgaaa gaaaaactta tgtctgtagg gtccaagaaa 180
 cagctattcc agagtcagtgc tcagctgagt ctggaacata tgaagtgagg tttacttcta 240
 agaacacaag tgactgcaca ctaattttgt caaggcatct tttcactact ttgctgtaga 300

<210> 264
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 264
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 gccagcccct cctctccccg cttctgggga ggaggagggt acacgctgat gggcactgga 120
 gaggccagaa gagactcaga ggagcgggct gccttccgcc tggggctccc tgtgacctct 180
 cagtccccct gcccgccag ccaccgtccc cagcacccaa gcatgcaatt gcctgtcccc 240
 cccggccagc ctccccact tgatgtttgt gttttgtttg gggggatatt tttcataatt 300

<210> 265
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 265
 gacttctaaa tatatcttgg atataatagg tgataagttc tgtcaattag taacatctga 60
 aaaaacagct ttgtcctggg tgaaaaagga tgccaaaatt gcctggaaaa gagcagtga 120
 aggagtccgg gagatgtgtg atgcatgtga agcaacattg tttacattc actgggtctg 180
 ccaaaaatgt ggatttgggt tctgcttaga ttgttacaag gcaaaggaaa ggaagagttc 240
 tagagataaa gaactatatg cttggatgaa gtgtgtgaag ggacagcctc atgatcaca 300

<210> 266
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 266
 gtcacctcca ctagagggg ataaaaagga taataggaaa tcagaatatt ttgatttga 60
 gttcaactgt tgatcaatta tctttgagac ttttaacatt catgactaag gaggattaat 120
 aattaacatg agctgtagaa ttaagggttg tatggcatga taagtataaa ccagtttttg 180

gaccgctata attctaaaaa agcaggtaga ctagatgatt agttgtacac ttattactgc	240
taattcttga ttgtagaaca aattttccta tgaaaacat gttgtgtatt ttatatctct	300

<210> 267
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 267	
gatctctata ctagtgaaca gtgccagttc cacacttttg acttagaact gttctctagt	60
tattgtaaca cagaatactg tcaatcccta atttacttaa tgttacttat tggaagtggg	120
gctgatgaaa tacgcacagg agggaaatct actgtgttta ggcacaggca gcccagtg	180
ataaggagat catattccaa aagggtgtca gttggtgtt tgcaacctgg aatgtatttt	240
ccttttagaga ccaggttatc catggtggtt aggccctag agcagctgga aaagatgatc	300

<210> 268
 <211> 276
 <212> DNA
 <213> Homo sapiens

<400> 268	
gaggccactc tgctggccac ctccagtggg tgctgaccac aggatgggct ttgggtacac	60
tcattttcac cctgattctt gccccactt tcataaaaga aacttcaaaa tgctgacgct	120
ttggagagta agaaaatcaa tcttggctgg gcacggtggc tcctgctgt gatcctagca	180
ctttgggagg ctgaagctga aggatcactt gagctcagga gttggagacc aacctggca	240
acataacaag acctgtctc tacaaaaaa aaaaaa	276

<210> 269
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 269	
gctgocacca cccccgggccc cagcctgtct gaaagtccag ggtttaggcc gagaaaccog	60
gtggggaggg gtggggagcc ggagctctgt ggcggggctg gagggctggg gtgcaacttta	120
gtttggggcg ggacgggagc cgccgttgtg actggcgtgg tctggctgct gctcccgaac	180
ggaggggtcg gggttggctt gctgggccct cagagcccag tgggtggctc tgactcggct	240
ccctactccc tgcaccagc tgggcgcagc cttggggcct gcggtctgaa tgtatccctc	300

<210> 270
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 270	
gactcatntg cagtgttgtc agaaacaaat aataaagccc caaaagataa actagttgaa	60
aaaactggca aaatctgtat acgtggaaat ttaccaggac agagactgaa gaataaagaa	120
aatgagtttc attgccagat catgaaatcc aaagaaactt taaagaagat gagttgtgta	180
aatggaactg aaggaggga agagctgcct tcgcctggta caaagcacac atgtgtatac	240
acatgggtca agcagtgtct gtctgtggct gcctgtccag aggaatggaa atatcccttg	300

<210> 271
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 271
 agtggctgga taaaaggatg tgtgggaaag aactgagttg aaattaggag ttagaatttt 60
 attcttttggg actaaggaat cattgaagat tttaaaatta gggctgacat aatcagattt 120
 gagtttggga acctatagtt tgggactgga ggaagacagg tgccagacac cagttaaaaa 180
 gctgttattt tctaagcagt agacaaagggt ttacactgac aatagctgtg gagatagaga 240
 aaagctgcga gatttcagag ttttccaagg tgtaaacaac taaattttgt gatcaaaatg 300

<210> 272
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 272
 ggaacctact agatggacag gctgaggtgt ttggcagtga tgatgaccac attcagtttg 60
 tgcagaaaaa gccaccacgt gagaatggcc ataagcagat aagtagcagt tcaactggat 120
 gtctctcttc tccaaatgct acagtacaaa gccctaagca tgagtggaaa atcgttgctt 180
 cagaaaagac ttcaaataac acttacttgt gcctggctgt gctggatggg atattctgtg 240
 tcatttttct tcatgggaga aacagcccac agagctcacc aacaagtact ccaaaactaa 300

<210> 273
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 273
 ctggttttga ttggtcagat tcttttttca ctageggcgg tttttctttt atgtcttgtt 60
 ataaagaagt atctcattgg accctattat cggaagctgc acatggaaag caaggggaac 120
 aaagaaatcc tgatcttggg aatatctgcc tttatcttct taatgttaac ggtcacggag 180
 ctgctggacg tctccatgga gctgggctgt ttcttggtg gagcgctcgt ctctctcag 240
 ggccccgtgg tcaccgagga gatcgccacc tccatcgaac ccatccgcga ctctctggcc 300

<210> 274
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 274
 ccacgactca tttgtttcat tcacattcct cactgcaac aacataatta tattttaaga 60
 aaatgtaact ttgttacatc aaaatatgtt gtctagtaaa aagttgatat tcagtagaac 120
 aaggatcatg taaataaaca tctatttcac atgtacccaa aagcatttaa aaagcagaat 180
 ccagggccca gagcatgagc cagggaggag gatgtttttc ttcttttctc tatttttccc 240
 taaattgtgc aaacataggt gagtctctta acctttctgt gcctcagttt ttctacctct 300

<210> 275
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (300)

<223> n = A,T,C or G

<400> 275

ccacgactca	tttgtttcat	tcacattcct	cacgtgcaac	aacataatta	tattttaaga	60
aaatgtggct	ttgngcatca	aaatatgttg	tctagtataa	agttgatatt	cagtagaaca	120
aggatcatgt	aaataaacat	ctatttcaca	tgtacccaaa	agcattttaa	aagcagaatc	180
cagggcccag	agcatgagcc	agggaggagg	atgtttttct	tcttttctct	atttttccct	240
aaattgtgca	aacatagggtg	agtctcttaa	cctttctgtg	cctcagtttt	tctacctcta	300

<210> 276

<211> 263

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(263)

<223> n = A,T,C or G

<400> 276

gtggcaactt	gatgaaacag	ccaaatgcac	cagggcaggt	cactttccca	ttacactgat	60
tccacaatta	aaaaaaaaaa	aagaaaaaaaa	actcattgaa	atagctacag	ttctataggt	120
taatttaaag	cctccttttt	ctactcattt	ttgaaaccaa	aattacattt	tactatttta	180
cataaccagt	gaaaagacgt	tgaaagccta	cagnnnnnnn	tntttggngc	tctgaaaatg	240
ntnangnnnn	ntntntnnnn	ttt				263

<210> 277

<211> 300

<212> DNA

<213> Homo sapiens

<400> 277

tcactacact	taaaaataca	agggacatgt	taggcaatca	gatgctttgt	agaaaactgag	60
ctatttgtcg	gcctggcgcg	gtggcccaca	cctgtaatcc	cagcactttg	ggagggccgag	120
gcagtggctc	acgaagtcaa	gagttcaaga	gcaacctggc	caagatgggtg	aaaccctgtc	180
tctactaaaa	atacaaaaat	tagctgagca	tggtggtggg	tgctgaggc	tgaagcagag	240
aattgcttga	atttcaggag	gcggagggtta	ccgtgagcca	agatcgcgtc	acagccctcc	300

<210> 278

<211> 296

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(296)

<223> n = A,T,C or G

<400> 278

cctgtctcta	ctaaaaataa	aaaaatgacc	tgggcatggt	ggtggggcgcc	tgtagtccca	60
gctactcggg	gcgctgaggc	aggagaatcg	ctcgaaccca	ggagggtggag	ggtgcagtga	120
gccgaggttg	cacaattgca	ctccagcctg	gcgacagagc	gagactcgtc	tcaaaaaaaaa	180
aannnnnnnn	nngggnaanc	ntnnnantgg	ggnnnccact	tgccntttgc	cnggnnnncc	240
cangttntnc	ctngttttcc	nngnatttta	ncccttttcc	atttttgana	aaagac	296

<210> 279

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 279
 ctggctcaga tgtgggatgt gatatgaaga atataaatga tgggtgtggat gtcaggggtga 60
 gggaggagac aaaaccacga tgacccttag ctttgtggcc tgaactgtgg gtggctgagg 120
 ggatcgtaa ttgaatgggg cagactgagg cttgtgagga agatcagagt ctggttcttg 180
 acatgagatg cccttcagac atctcttcac tcagggtccaa ctagggatac agaaacactg 240
 aatatttcaa cagcagaaat tgaatggggg gattgatagc gctggcgagg gaagcagctg 300

<210> 280
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 280
 gaaatataga gagatgtggg atttgaatgc ccatgaaaga cattttatatt tacttgaata 60
 tattcttgct tcactttacc ctccataata tggtgtacat tagtgctgat caagtttaca 120
 gagttacatt ttgctttcct aaccattcag tcagggaatta aaatatggca ttgtataaca 180
 actgggaaga agctcatagt ggatataaat tagagtagat aatgggtcac cttgatagcc 240
 tctgtttaca ttacttgtat atgggcaaaa taattattac ctatacgtgt atttaagctt 300

<210> 281
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 281
 atcttttaggc tccgtgtgtg aaatgcagca agcctgcccc cagcagcctg tgggctaate 60
 ctgagctgtt ccttcgttta ggtacacagg tgaccctgaa gttcccactc ggccctctgt 120
 tttctgagtc ctgtctctc ttagcacag tggggattgt tctgaaccgt ggcacgcctt 180
 cttggcgagg caggctctct tatggaacca tagtctgtta cctcatttct tccaactgct 240
 ctgtccccta aatgtgtgtt cccaggtgca gtgcagcaag ggtgctcgt gttggccttt 300

<210> 282
 <211> 261
 <212> DNA
 <213> Homo sapiens

<400> 282
 cctgtttcca ggagatatgt gtgtccatca gcagtgataa aaatcttggg cagggtgttat 60
 tgcactgttt gtatgattca gaccaccta ctctgctgga aacaagcagg ttgttgctta 120
 cttgcctttc ccaggcagaa gtggccagtg tttgggttga aaggatccag gaacatccag 180
 ctatttatga tagcatttgc ttcattatgt caagttcaac aaatgttgac ttgctgggtga 240
 aggtgggaga ggtgtgggag g 261

<210> 283
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 283
 gaaagggtggc gcgcttctca cggctgagtt gctgcgcctg cagacggaag ctccccacag 60
 gcagagctgc ttgatgtgt gagtcatgaa gccagagaag ccccgctcca tgagcagtga 120
 ctccccaggc cctgtgacct ccctcctgtc ttgcagctcc tcctggcacc agtccccagg 180


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gctctcctgt tggtagttcc tgcttttctt cttggaaatt cctcgtggac ctcgagatct      240
ttaccctaaa atagttctgt tgaatttcac cctggcaatg taaattgata gcttatcttc      300

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<210> 284
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 284
gaagacacca gtggtggaat cgagtgtttg gccacagttc gggacctatg gtagaaaaat      60
actcagtagc taccagatt gtaatgggtg gcgttactgg ctggtgtgca ggattttctgt      120
tccagaaagt tggaaaactt gcagcaactg cagtaggtgg tggctttctt cttcttcaga      180
ttgctagtca tagtggctat gtgcagattg actggaagag agttgaaaaa gatgtaaata      240
aagcaaaaag acagattaag aaacgagcga acaaagcagc acctgaaatc aacaatttaa      300

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<210> 285
<211> 300
<212> DNA
<213> Homo sapiens

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```

<400> 285
atgttaaadc atgtcttaaa catctgtgaa aaagatggta cttttgacaa catttatctg      60
catgtccaga tcagcaatga gtcggcaatt gacttctaca ggaagtttgg ctttgagatt      120
attgagacaa agaagaacta ctataagagg atagagcccc cagatgctca tgtgctgcag      180
aaaaacctca aagttccttc tggtcagaat gcagatgtgc aaaagacaga caactgaaca      240
aattacaaat gaactttctt gcacttgctt gtcgccaaat aaaagagagg cccattgatt      300

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<210> 286
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 286
ctaaaatggt aaatcatgtc ttaaaccatct gtgaaaaaga tggtaacttt gacaacattt      60
atctgcatgt ccagatcagc aatgagtcgg caattgactt ctacaggaag tttggctttg      120
agattattga gacaaagaag aactactata agaggataga gcccgcagat gctcatgtgc      180
tgcagaaaaa cctcaaagtt ccttctggtc agaatgcaga tgtgcaaaaag acagacaact      240
gaacaaatta caaatgaact ttcttgcact tgcttgtcgc caaataaaaag agaggcccat      300

```

```

<210> 287
<211> 300
<212> DNA
<213> Homo sapiens

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```

<400> 287
aagtaatacg tcctttcatc ttttctttca agatatttct gcattaaatc atoctcagta      60
tatttttttg aaagccaagt tttcccaaag ctctctattt cctcatctcc ctctgtgcca      120
ctggtttttc agttgctggg ggctacagac cctctctcta gaaagatgga catgtgaaca      180
taagcactgc attttgcaca caatttcctg gggtcagaaa ccacctgaac ttttccttct      240
agaggacctt gcttaaacac ttccattcta ggggtgtccag cccattaaga tggccaagaa      300

```

```

<210> 288
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 288

acttttataaa	ttaaattatat	gtctgatact	agccttccat	tgccctggatc	acatctgatt	60
gtccctggtaa	tttgagaaaa	gggtagcccc	ttggatatgga	tagtagcttg	atgacatgga	120
attcagggaa	aagactatga	tggtgtcact	tgtaactgct	tttgtgctgt	aaaattgtca	180
tggattaaga	agagagttgg	ctgggtgcgg	tggctcacac	ctgtaatcct	agcacttttg	240
gaggccaaag	taaggactgc	ttgagcccag	gagttccaga	ccaacctggc	caacacagcc	300

<210> 289

<211> 300

<212> DNA

<213> Homo sapiens

<400> 289

ttactgactg	caacaacttc	agattatacc	tcttctactc	caagtgcctt	caaagaaagt	60
cctctgccaa	gacaaattca	ttacgttttt	tccctctacc	tgcttgccct	tattctcttt	120
tgtatttcat	cttctcatct	agattgaata	atcttttgaga	gcacagatgt	ttatttatat	180
ttttcccttc	catttctact	cagcatgagg	tgtccattga	acaaacttga	tgaattttta	240
ttgcttaata	tcttgctaga	ggtggggaga	gagggtgggg	gcggttaagg	aactatcagc	300

<210> 290

<211> 300

<212> DNA

<213> Homo sapiens

<400> 290

ccactgcgtc	cctttgcgtt	cagccccctc	tctggetttc	agttacacca	agctaaaatt	60
tcaggttccc	agctgcagct	ctctgggtcc	cccgggtgcc	cagtggggct	ccccgcatct	120
gaatgtgtgg	tccctggggg	tgggcacttg	ggggcatcct	ggtcactgct	ggccctagca	180
ttggacccta	ggagacctga	ctggaactgg	ctccctcccc	atcagctccc	agctgtcact	240
ctctcccacc	cccgggcagc	tgttttgccc	aagaccactg	ctacctgttt	accacacctg	300

<210> 291

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 291

aataaacgta	tgtgttcata	ttcgatcacc	gaaatgagag	ttcttaattg	ctaattgaca	60
aacgcgttag	caatttcagt	tagggagtca	tctcccttga	ttgtgttctt	ttcctgtcaa	120
ttttcataga	cctaatttgc	aaactcaatc	ggggactaaa	atttcccact	gaaaatgtta	180
aacatttttag	ataactgtga	agatagttta	tttttattcc	ttgccaatct	gggaatatgc	240
ctttttnnnn	nnnnnnnnnn	nnntnttaag	tgctgtatta	ataatacttt	ctgaaagaaa	300

<210> 292

<211> 300

<212> DNA

<213> Homo sapiens

<400> 292

cgccagagca	gcagtgggga	acatcttctt	gtctgctgga	cacctgattg	ggccgggtct	60
ctgccattcc	ttctgcaatt	acatgggttt	cccagctgtt	tgccggcctt	tggagcacc	120

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acagaggcgg cccctgctgg caggctatgc cctgggtgtg ggactcttcc tgcttctgct      180
ccagcccctc acggacccca agctctacgg cagccttccc ctttgtgtgc ttttggagcg      240
ggcaggggac tcagaggctc ccctgtgctc ctgacctatg ctccctggata cgctatgaac      300

```

```

<210> 293
<211> 289
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(289)
<223> n = A,T,C or G

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<400> 293
ctgcgctatc agcgcaaaga acctcccgac agtgccactg accccacctc ccccagccc      60
cacagctggg tctggctggg cactgaccag gaggaactga gccgccagct ggaccggcag      120
tcccctggcc cgcccaaggg ggaggggagc tgcccctgtg agagtggggg aggaggggag      180
ggccctaccc tggcccttgg cctccttggg ggcaccacca gtcctcaag caccctggcc      240
cgaaaggagg ctggggggcg gcggaagcga nnnnnnnttg ngacatttg      289

```

```

<210> 294
<211> 300
<212> DNA
<213> Homo sapiens

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```

<400> 294
cagagctgtg atctgcccc aggtattctg acccccaaac tggtctctcaa ccatgtttac      60
atgatgaaaa gaagagggtga ctgttgtatc agctctaaag gcctcacttt tggtgaaatg      120
ggacctaaat ttgattgcat acttgattac ttgctgtcaa tactgaaatt ggcacttcat      180
aattttaata ctattgaact ttcaccataa ccctgtccta taaagttgac ttgcaaatga      240
agaaactcta tctcttcaat attataaaat atatccaaga gtcacaacta gtgagaaaag      300

```

```

<210> 295
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 295
ctttccatt cacttctcta gaaagctgcc aagacagagg cagaaagaaa tggatgatag      60
ttctgtcaag cacacttctg ttctcttaga acttagaagt gtttctaaga gaacagaagt      120
aataagagaa acagttacgt gtggaattca acatctttgg ttggaacgca ttggcttttt      180
ttttcttggt ttgatagaaa tggaaattaag caaaagtagt ttttgtcttt tctgttgtcc      240
tcaaattcca tgccttttat ttttaattta atcccgttca aatacttaat tgttatacat      300

```

```

<210> 296
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 296
gttttgttct cttctttgac tattaaaaag ctcaagtcca aatattttcta acatatggca      60
agtgtttctg tgtaccttac aagtctatat ataaattttt cttctcttga cagggtttta      120
tctatatatta gcaagtcacc cctaattctt ttagaataag gcagaaaata aatcaacgta      180
aaggttgaga ccaagccaga gacagctggc caaagtagct gggtcagga tataacctgc      240
aagttgccaa cccagcgcat tcttctcacc cttcttccac cctacgaaag gccatatctt      300

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<210> 297
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 297
 cgacagctct ccaataactca ggттаатгсг gaaaaatcat ccaagacagt tattgcaaga 60
 gtttaatttt tgaaaactgg ctactgctct gtgtttacag acgtgtgcag ttgtaggcat 120
 gtagctacag gacattttta agggcccagg atcgtttttt cccagggcaa gcagaagaga 180
 aaatgttgta tatgtctttt acccggcaca ttccccttgc ctaaatacaa gggctggagt 240
 ctgcacggga cctattagag tattttccac aatgatgatg atttcagcag ggatgacgtc 300

<210> 298
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 298
 tttctccatg ttggtcaggc tggctctcgaa ctaccgacct cagggtgatcc acccacctcg 60
 gcctcccaca gtgctgggat tacaagcatg agccaccggc cccggcctcc ctgttccagt 120
 tttctataat ctgttcatat tatattctgg gtatatgtgg gtgggtgtgat tatccatgtg 180
 gtcttatttt cacattcttt gcattaacta taatgtactt aatgttttaa gataagtttc 240
 attctacaaa gatgtatgta caatacctgg tatcaggtaa caatcttaa aaaaactaat 300

<210> 299
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 299
 cttcagcatt cagccacttc gtttcagtgg catctgtaat atactcttta atatgaagat 60
 gttgaattaa aagtcaaaat actgatgtga gttgacctag tctcaaaggg taaaagatta 120
 tttttccagg gagcaaatga gaaggttggg tgcacgagcc ttttgctgaa cagttggagc 180
 cgtgtccagg tggaggtgcc aatacagaat caggattggg gggcacacgg agaaacaggc 240
 tatggccctt gagggctgaa cccccaggg tgaggggtgca gatgctgccc ctgcttcggg 300

<210> 300
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 300
 gctttttggg acagtagaaa ttttcacatt aatactgtaa attctgtacc atattttgac 60
 acctgctaca tctgattcaa atgcgggaaa aaataccatg tgtgcataat gaaaaatcat 120
 tcatttttcc ctttcttacc ccagcaggaa tagaaagcaa ttccaagcca ctctgcaaat 180
 gtatccaagg ttagagattc gggagctggc caacatctta caccocaaat gactgaagca 240
 tttcagtagg ctgactggct cgaaataaca atttaagaaa ggggggaaaa aacctacagg 300

<210> 301
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 301
 gaaatggatg atagtctctg caagcacact tctgttctct tagaacttag aagtgtttct 60
 aagagaacag aagtaataag agaaacagtt acgtgtggaa ttcaacatct ttggttgga 120

cgcattggct	ttttttttct	tgttttgata	gaaatggaat	taagcaaaag	tagtttttgt	180
cttttctggt	gtcttcaa	tttatgcctt	ttatttttaa	tttaatcccg	ttcaattatt	240
taattgttat	acattgacat	taactgctgt	attttgactt	tgttcaataa	ttttgttctc	300

<210> 302
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 302						
agtaccaga	gttgcgagga	gttttttaac	tgatttagcc	aggtggcaat	catgagtga	60
tgatgaaga	aaggcccctt	agaatggcaa	gattacattt	acaaagaggt	ccgagtga	120
gccagtga	agaatgagta	taaaggatgg	gttttaacta	cagaccaggt	ctctgccaat	180
attgtccttg	tgaacttcct	tgaagatggc	agcatgtctg	tgaccggaat	tatgggacat	240
gctgtgcaga	ctgttgaaac	tatgaatgaa	ggggaccata	gagtgaggga	gaagctgatg	300

<210> 303
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 303						
accagtatca	gatttgtgat	taatcgcat	actgtcaagt	cctcatgcag	gccagtcaga	60
cttctgtgtg	tgttccctca	ccttccattt	aagtttcagc	ctttatctat	gtccttttgg	120
gtgtctgcca	tgctgatgat	agagctcatc	agtctttgat	aaatactggt	aggtccttaa	180
gtgattttct	gtgaaatctt	acgcatagga	tttctgtggg	cagggtttga	cgtctgatct	240
tgttcgtcag	atcccccttg	tcaagaatgc	aagtgcatta	cctcttaa	tttaaaagct	300

<210> 304
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 304						
attggagttg	aaattaacat	ttcaaaagtt	tttcgtat	ttttatggca	gatgatttgt	60
catttat	tattaggtt	tactgcctat	tgagacaacc	aggtgcataa	ttgattgccc	120
tttgccata	aaaatgcagt	gtcatggatc	ttagagctaa	aaaggactgt	aaaaattacc	180
cagaacagcg	tcctcagact	taaccttctg	caagttatgt	ctgtatataa	gaagattcta	240
attgctaact	gtttatactt	ttctgaataa	aatagttggt	tcctaattaa	aaagtagcca	300

<210> 305
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 305						
gtggaactgg	ctcaggtcgg	attactcttg	ctgctgtctt	gctgtactgt	atgccactgg	60
gatctgaaca	ctaaacattg	ctaagaaacc	caccaccac	caggatattt	ggaagtaact	120
tcacatatgg	aaaagttaaa	gactcagtct	ctgagaaaac	aattggactg	atgcgaatgc	180
agttttggaa	aaaaactgtg	gaagatatat	actgtgacaa	tccaccacat	cagcctgtgg	240
ccattgaact	atggaaggct	gttaaaagac	ataatctgac	taaaagatgg	cttatgaaaa	300

<210> 306
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (300)
 <223> n = A,T,C or G

<400> 306
 cacttggtg agatccaatt tatctcacct tctgatagtt ttaaaagaga agtaatttta 60
 atttacatta actttaaaat atttgtatgc caaacactag ttattttgag gggatcgaaa 120
 caaatcatag cagagataag gaactttcat actttgggag gatttttttt aaataactgt 180
 atgtttactc taagtagata tgtgtatgca tgcattcact tatgatatgc acannnnnnn 240
 nnnnnnacac acacacacac acacacacag aaatttatgn ngcctttaan aatcttgga 300

<210> 307
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 307
 agaggggtgg gtctggccac ataggtacct ctgtggctct ggtctggggt tagacactgt 60
 tagggactag cattttattgg acttgtaaag acagcacctc agaattagta actacttgca 120
 ttttagggtc tgttttatga agccaacaag tgaatgtaaa ataggctctg catcttttct 180
 gagagccttg tcaactgggca gtgagcattt ccaaaattgc agctctgtca gaatgaacca 240
 tgaatactta agaaagggaa agtaggaaca gggagcagag caaagcataa cttgctgtgt 300

<210> 308
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 308
 cttctgttga ttggtttgtt taaagtacct aagtactacc ctttgactcc ctacaaaaag 60
 ttcttttgtt ttttaaaaaa cttttatttg tgacttactt tcttgagaag tgttcttaat 120
 gaattgcata aaatagtggg agcagcttat ttcttaagta ctttattatt tgtgctttac 180
 catttcaggt tcttatcttt aacccttatt tactcagttt tccatctgaa tgatcctatc 240
 tctaaattaa ggatttaata aatgctgcaa attgtccact ttgcaaattg tccaaaagct 300

<210> 309
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 309
 ggctcagagg ggttatgatt cggagggttc tgccgcacgg catggggcgg ggctcttga 60
 cccggaggcc aaggcacgag cagaggaggc ttttctctgg gtaaagttga ggacgacaga 120
 ggggtatttg gttctgggtt gtccccaacc tccgactgtg tgtccttcag gacccgaaac 180
 catggcccac actggcagga cagtgggtcg gcttggggaa ggggggttagc ttacctacca 240
 gagctttagt gggctgtgca ggtgtatggc tcccaaggcg gcccttttca ggtggcaggt 300

<210> 310
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 310
 gggaccagaa catgaccggc tgggcctaca aaaagatcga gctggaggat ctcaggtttc 60
 ctctgggtctg tggggagggc aaaaaggctc ggggtgatggc caccattggg gtgaccgag 120

gcttgggaga	ccacagcctt	aaggtctgca	gttccaccct	gcccatacaag	ccctttctct	180
cctgcttccc	tgaggtacga	gtgtatgacc	tgacacaata	tgagcactgc	ccagatgatg	240
tgctagtcc	gggaacagat	ggcctgtggg	atgtcactac	tgactgtgag	gtagctgcca	300

<210> 311
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 311						
acaagaagcc	atgaggccat	agggagaagc	tccctctccc	cttcattcttc	tgctccaaag	60
gtggtagcaa	gaggagtacc	cagttagggg	ttggagcccc	catataacat	cttcctgtca	120
gaagactgat	ggatcttttt	cattccaacc	atctcccttt	cccccgatga	atgcaataaa	180
actctgtgac	accagcaacc	attgctcttt	agaaatgggt	tttctgatca	tatggctgat	240
gtgttatggg	cagcatggat	gtcttcattt	gttgcttctg	tttttcatct	tttttgtttt	300

<210> 312
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 312						
aaagaatcca	atttttagagc	tgctaaaaaa	ctcttttgaa	gcacctttgc	atttcatggc	60
tcacagattg	aaaactggca	ctccatcctg	aggaatggtc	tggttggtgc	ttctaataca	120
ccgattgcag	ctccatgggtg	caatgtatgg	aagtgggaatc	tatcttagtc	caatgtcaag	180
catatcattt	ggttactcag	ggatgaacaa	gaaacagaag	gtgtcagcca	aggaccgaag	240
ccagcttcaa	gcagtaaaag	cagcaataca	tcacagtcac	agaaaaaagg	acagcaatcc	300

<210> 313
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 313						
gggtgttggg	gcagattgta	gttgatccac	agcaaagagc	atcaccaaag	ccattccagg	60
aggaactaga	tcaccactt	cctctgctgg	gcatgctcca	aaaatgggtg	tggttccag	120
agaggactcc	aaaagaaagc	acaaaaacta	gacagtggga	gggcataccc	aaaagccctg	180
agtttctgaa	aaaatattga	aagtttctat	ggtgaaatag	gaagttaatg	tgcttaggaa	240
gaaaaaagtg	gtaatgattc	aaggaaacat	aatcacacac	ggttttagtt	ttaatggaca	300

<210> 314
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 314						
ggcggaggag	cagaagctca	agctggagcg	gctcatgaag	aacccggaca	aagcagttcc	60
aattccagag	aaaatgagtg	aatgggcacc	tcgacctccc	ccagaatttg	tcgagatgt	120
catgggttca	agtgtctggg	ccggcagtgg	agagtccac	gtgtacagac	atctgcgccg	180
gagagaatat	cagcgacagg	actacatgga	tgccatggct	gagaagcaaa	aattggatgc	240
agagtttcag	aaaagactgg	aaaagaataa	aattgctgca	gaggagcaga	ccgcaaagcg	300

<210> 315
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 315

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aagtatatat gactccactc aggggtgtaa aagcaaccca agcatcaaag tctactcagc      60
taaagactaa cagaggacag agaaaagtga cagtttcagc taggacgaac aggaggtgtc      120
agactgctga agccgactct gaaagtgatc atgaagttcc agaaccagaa tcagaaatga      180
agatgagact accaagacga gccaaaaccg cagcactaga aaaaagtacc acttaccctt      240
gcccaatttc tcaatgaaga tctaagttag gaaagacgat ggaggtggaa tcctttaaga      300

```

<210> 316

<211> 300

<212> DNA

<213> Homo sapiens

<400> 316

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gacctatctt gatctggata gtaaagttag gactttaaaa aaggttatta aattactggg      60
agaaatcatg gagcacagat tcaagacata tcaacaattt agaaggtgtt tgactttacg      120
atgcaaatta tactttgaca acttactatc tcagcggggc tattgtggaa aaatgaattt      180
tgaccacaag aatgaaactc taagtatatc agttcagcct ggagaaggaa ataaagctgc      240
tttcaatgac atgagagcct tgtctggagg tgaacgttct ttctccacag tgtgttttat      300

```

<210> 317

<211> 300

<212> DNA

<213> Homo sapiens

<400> 317

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gattgtgaca tgggtgtaata aaggtataca tgggtgtaata aaggtataca tgggtgtaata      60
aaggatgtgg gagcacaat ccataggaat ttgagagttt aggaattgta tttattattc      120
aggcccttca ctctcagact accctgctct atttgaataa tgaggcttgt ggtggctctgt      180
ggaaaagtgg acagagtaga atttgggcag ctgctgaagg tttggctctc ggaatgagtc      240
cacgttacct taaggacagt aatcccaaat tgagacaaaa actttaagaa aaccaatgtt      300

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<210> 318

<211> 298

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (298)

<223> n = A,T,C or G

<400> 318

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ggggtcttgg atggcttttc caccgtccct gagactgggg ttgaggggac tgacgggggc      60
caccaccgcc ccgccctcca gcgcctcctc ccagggtggc tgggcctcct gttctcaggg      120
atcacannnn nnnnnngggg ccaaccctt ccggaaccaa ggtgcangct tangnctgcg      180
gctttctggn tgtgtgctgg cttctgggct tcancctcct gcccagccg tccctgccaan      240
ggcacannng accatggggg ctgggagtc catnanagca gtgangtggc cccggcct      298

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<210> 319

<211> 277

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (277)

<223> n = A,T,C or G

<400> 319

agagggtagg	gtctggccac	ataggtacct	ctgtggctct	ggctctgggg	tagacactgt	60
tagggactag	catttattgg	acttgtaaag	acagcacctc	agaattagta	actacttgca	120
ttttagggtc	tgttttatga	anccaacang	tgantgtaaa	atangctctg	catcttttct	180
gagagccctg	tcactgnan	tnnagcattc	ncnanattcg	natctctgnc	ntnatgtant	240
atgnctacnt	ttnanttntt	ttgtttcccc	nttttct			277

<210> 320

<211> 300

<212> DNA

<213> Homo sapiens

<400> 320

aacgttcccc	cgctacatag	tctttctttt	gtgttattta	gtttaccatt	tcttttttcc	60
atcttggtat	aacctccacg	agttgtgtct	cttttgtttt	ctacattata	cccaacggct	120
agcacataac	aggcacccaa	tatatactga	acgaactaag	gaatgaatga	aggaatgaat	180
gaataggtgg	cttataggaa	acccctgggg	ccagggactc	tgcaacatca	ccatgtaact	240
ttttctttgt	gctgagaagc	agagagaaac	aatagaagat	atctcttaat	ctctcaagga	300

<210> 321

<211> 300

<212> DNA

<213> Homo sapiens

<400> 321

gaggcaccag	caggtagtgg	cccctgtaag	cagggccaga	gtcgggacaa	agagcaggag	60
tgaagcagcc	aagagacaga	ggaccaggct	ggagccagtg	ggcacgcagg	agcctgcctg	120
ggaaaagccg	gggggcaagg	ctggcatggg	aatgaacacc	tgctgggtgac	acctctctga	180
gcttcagttc	ccttaactag	aaaaatagaa	caggccccgt	gcgggtggctc	atacctgtaa	240
tcccagcact	ttgggaggct	gaggcgggtg	gatcatgagg	tcaggagatc	aagaccaccc	300

<210> 322

<211> 300

<212> DNA

<213> Homo sapiens

<400> 322

gaccagaaaa	acaggtacgg	aatgagccct	ggaacatttc	tatttcagca	gaatatattg	60
cccagggtgaa	agggatctca	gtggaagaag	ttatagaagt	gacgacacag	aatgcattaa	120
aactgtttcc	taagctccga	cacttgctcc	agaaatagct	tcaaaacat	ccattacaaa	180
atcgaatcaa	ctgcaggggc	cagcatttga	aacatagaaa	tgttctgatg	aagaatctga	240
actgaagaag	ctgttttata	gggttataga	agattgtaat	tgtagagaaa	tattttctct	300

<210> 323

<211> 300

<212> DNA

<213> Homo sapiens

<400> 323

gtgatctgcc	tgcttggtc	tcccaaagt	ctgggaatac	aggcatgagc	caccgcactc	60
ggccaggagc	tagttttatc	agcatcctgc	tccactgcct	tcctctagt	cagcctggaa	120
gacatggcag	cgggtagctc	ctggggctga	gccagaagca	tactgcagt	gaaagtctct	180
gcttacctgt	ctggtctcagc	ttgggcaagg	gctgggccat	atgtgtctcag	ggacgtgctt	240
ctcttgtaag	gcaggaggat	agaagaggac	caagaaggga	gggagctgcc	ctgtggtgca	300

<210> 324
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 324
 gactggagaa gtcagaagta gaaaagcaga ttgctaggag agacaggatg acagatthttg 60
 gtcagaaaat gggatattgg agtttaaagt atcaaataca gaatagttcc agatgttcag 120
 agatccagca tgggattagg tactgaaatg gattagaact aaaagtcact agaatttaga 180
 aattgagaac catgagagtg gatgcaatga cttgttgctt gattgaaaaa taaattaata 240
 ataataaagg accatgagac tagcctgtta taggggttat ctccatgaac attgaatttt 300

<210> 325
 <211> 292
 <212> DNA
 <213> Homo sapiens

<400> 325
 ttcgagtgc agetcccat ctttctaaag tttccatggc aatacagcta actgaagaac 60
 taaaagccag tgatgtactt gccagggttc tcagccaaga aagtgggggt gccagactc 120
 tcaagaaaag agaagttttt ttgtatgaaa ttggaggaaa tattggggaa cctgccttg 180
 atgatgacac ttacatgaag gatttatatc agcttaacc aaatgctgag tgggttataa 240
 agtctaagcc attgtacaag acttaacaag ctgcagataa ccatgtggac tt 292

<210> 326
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 326
 gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt atacagacat ttttttttta acttgttgat 60
 tcagatgtct tgggtccctga atagtcctag attacttatt ttgagaattc attgttaaaa 120
 attacaggga attaaaataa ttgccttttt ttttagaggg taagagatgg gtagaagagt 180
 atgcctctga aaattttatt agttttattc tgtggagaat accaagaaaa tgtgtatttg 240
 cccattgcta aatatgatat atgccatttt gtattttatt gtcccaagtg tctttttgta 300

<210> 327
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 327
 gcaggaggtt gcttgggtgg ccgctaacac caggctactc ttatttttagc ttgctaagtt 60
 gagatcagct agacctgctt tcttttctcc tcagtcttgc atttccctca atacaagctg 120
 tagcctcttt cctcgtttct agtctcagaa ggaaggagag ggaagccatt ctctctagg 180
 gactcttcag tctcatttag atgatagtc ctttttttct acctccatat tagagatgga 240
 gctccttctt tttcctgggt ctttaatttt gtcttctcat tctgcttcc ctctcaccct 300

<210> 328
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 328
 ctctggagta gctgggatta caggcatgca ccaccatgcc tggctaattt tgtattttcta 60
 gtagagacag ggtttcgcca tgttgccag gctggtctca aactcttgac ctccaggtgat 120

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tcacccacct cagcttccca aagtgttggg attataggcg cgagccacca tggctcagcc      180
tcatgttctg ttttaaaact taggatggtg gctcttttac attgattggt aggaactctt      240
catattacga ggcagttagc tagttgtctg tgaaataaaa tactaatgat tgaactttct      300

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<210> 329
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 329
ggtttctacca gtgcctacac caagagtggc tactgtgtca acaggttttc ttcacttctg      60
ccaggaggca acaggcgaaa ctcaacagca aaagactaca ccattctaga ttgcatttac      120
aatgaggtaa accagaccta ctacgttctg gatgtgatgt gctggcgggg acaccctttt      180
tatgattgcc agactgattt ccgattctac tggatgcatt caaagttacc agaagaagaa      240
ggactgggag agaaaaccaa gcttaatcct tttaaatttg tggggctaaa gaacttcctt      300

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<210> 330
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 330
ggtgttttgt tctgtagcag aagcataggc atactgacaa tacaaaaccga aatccttcta      60
acgtagtgga ccttttccagg ccagcatttt ttccctgaaa acctggagca tgtatccatc      120
ttatagcaga gatcactttc acaatgtttg ggctcttgat ttgaattgat gatgtaatga      180
gccctctatc cagattgtaa ctaattactc tgcgaattga ctggattcca cacccttcta      240
atattttact tttcctcttt tatcaactct cattctcgtc gccatgatca atggaccaac      300

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<210> 331
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 331
ctgtgcacac aaattagaat ccttgtaaaa tggccatgat tctgtttatg acctggccc      60
tccaaccaga ccagcctctc tgccctctgg cttttttaga tcaactggcat ggtttctgcc      120
tactccaggt gccagtatta ttttgtgaat gttttttttc ttcatatcta ctcatcttta      180
tactactttc ctgtaaaaag gaaactagag aacatgatct taaatgaaaa ccaacgatca      240
cttgccagaa agaacaggta actaggcttt gaaaaaataa gtttagaggag atagcataat      300

```

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<210> 332
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 332
tcctaagaa tctcaaactg attttttaaaa atccggtaaa ttagaagggg cctcgtctat      60
tttctgtgtc agtcttcatt ttaaataatg atacaaaaag gatacgccga gccaatcaaa      120
gacaagcttt aactttactt tgaagtgttt ctgaaatgat aaaatgtagc cctagccccc      180
tgccctcaat tgtaaagtga gcaaccattg ctagtaattc tttaatgtgt ataaattcaa      240
tttcagggtat aacaaatgtg atcatgacat gaaaatattc tagaatagat actgtattaa      300

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<210> 333
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 333

ctggagggag	acccccaaaa	agaattaggg	tgctaacatc	ccacccaaaag	catcatccca	60
cccaaatgt	tgtttttcat	tctatgtcaa	taattttaagg	tggaaatttct	ctcacctgt	120
ggagatgaaa	gtggcaaaaag	gttgtcccag	cagtgttggg	ggatgggggtg	tgcacatcat	180
tcttttgggg	gtagatgacc	tgtctggctgg	tgggttttcc	tccaggacta	ctgcaggtag	240
agaccctctg	ggcttgtgtg	gagtggggagc	agccgtgttg	ggactatggg	gaggagctgg	300

<210> 334

<211> 300

<212> DNA

<213> Homo sapiens

<400> 334

gcaccagcag	gtagtggccc	ctgtaagcag	ggccagagtc	gggacaaaaga	gcaggagtga	60
agcagccaaag	agacagagga	ccaggctgga	gccagtgggc	acgcaggagc	ctgcctggga	120
aaagccgggg	ggcaaggctg	gcatgggaat	gaacacctgc	tggtagacacc	tctctgagct	180
tcagttccct	taactagaaa	aatagaacag	gcccgggtgcg	gtggctcata	cctgtaatcc	240
cagcactttg	ggaggctgag	gcgggtggat	catgaggcca	ggagatcaag	accaccctgg	300

<210> 335

<211> 300

<212> DNA

<213> Homo sapiens

<400> 335

ggaagagggga	cgccgagaag	aaggacctgc	ctgtcaccaa	aaacacgctc	aagtgcactt	60
tccggtccct	ccaggtcagc	aggctgcccc	gcagcggcga	ggctgcagcc	acgcccacca	120
tgtccatgac	cgtggtcacc	aaggagaaga	acaagaaggt	gatgtttctg	cccaagaaag	180
cgaaggacaa	ggacgtggag	tctaagagcc	agtgcattga	gggcatcagc	cggctcatct	240
gcactgccag	gcagcagcag	aacatgctgc	gggtcctcat	cgacggcgtg	gagtgcagcg	300

<210> 336

<211> 300

<212> DNA

<213> Homo sapiens

<400> 336

cagagctgta	tcttcagtgg	tgtgatgaag	ctacagtagg	ggagatcact	catgctaggt	60
atggatctcc	ttacccttgg	cctctgaatc	atattttggc	ctatcaaaaa	cagtgggaag	120
tcaaacgtaa	gatgaaagct	attggatggg	gaaagaagac	tctggaccag	gtcttagagg	180
atgtagacca	gtgctgtcaa	gctctctctc	aaagactggg	aacacaaccg	tatttcttca	240
ataagcagcc	tactgaactt	gacgcactgg	tatttggcca	tctatacacc	attcttacca	300

<210> 337

<211> 300

<212> DNA

<213> Homo sapiens

<400> 337

ataggcatatc	tgacaataca	aaccgaaatc	cttctaactg	agtggacctt	ttcaggccag	60
cattttttcc	ttgaaaacct	ggagcatgta	tccatcttat	agcagagatc	actttcacaa	120
tgtttgggct	cttgatttga	attgatgatg	taatgagccc	tctatccaga	ttgtaactaa	180
ttactctgcg	aattgaatgg	attatacacc	cttttaatat	tttacttttc	ctctttttatc	240
aactctcatt	ctcgtgccca	tgatcaatgg	accaactatg	cttataacca	caaatggtga	300

<210> 338

<211> 298
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(298)
 <223> n = A,T,C or G

<400> 338
 gcttgcaactt acacacggaa tcgctgtgca tccgacagag gctgattggc acatggggca 60
 cggggattgt cagctcaaac accgtcagca gcgttgccct tggaaatggg atttcccaga 120
 acagtaaacg tgtctgtcct tgatttacag agtagctaca ttcttaggaa atccagggtta 180
 cattaataact caccatgtta ccagggtgg tctcaaaactc caggcctcaa gcaatcctcc 240
 tcctgtctcc acacagacgg cttctgcacg tttgngaatc tacaggncac tccttgca 298

<210> 339
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 339
 gcagagagaa gggccgttct cggctggtat caggcccaag agagtcaaca aaggggggac 60
 gaaagggaga caggggaagag aacagtgggtg gggctgtaag ttgacctcca ggtggcagaa 120
 aataaagttg gaagaattga ctgggacaga cagccagggc cctgcaggaa gggcgggaga 180
 ggaagcctgc ggacacctgc cctttgtgat tgaaccgcag acaccaggcc tggcggggtc 240
 gcttgccctc gctgcccagg ctaaggctcc gctaagctgg tcctgagaac atacttcatg 300

<210> 340
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 340
 ccagcccctc ctctccccgc cttctgggag gaggaggtca cacgctgatg ggcactggag 60
 aggccagaag agactcatag gaggcgggtg ccttccgcct ggggctccct gtgacctctc 120
 agtcccttgg cccggccagc caccgtcccc agcaccacaag catgcaattg cctgtcccc 180
 ccggccagcc tccccactt gatgtttgtg ttttgtttgg ggggatattt ttcataatta 240
 tttaaaagac aggcggggcg cgggtggctca cgtctgtaat ccagcactt tgggaggtg 300

<210> 341
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 341
 aagctgctag gttccagttt taatttttag ggtagtttg actctgttat gaaaagatag 60
 gttatgggtg ggcgacaggt tgatacagtc ttagaaaaag caggtaatat caaaggattg 120
 gaaagctagc atgcatgccc tcttacctgg gtatcttccc ctttttttcc ttttaaacctc 180
 ttgagcctcc tataacagaa ggattatgtg cttcaaacct tcttntttna ctgngccatn 240
 aagtgggctn gngcccaaaa tatttacttg canaanatcn gtnactggct taaatacttc 300

<210> 342
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 342
 agaagattgg ggatgaggag tgaggagaag gctggagacc agttagaggc taccgtagca 60
 gcgtagagag gctgaaaatc taactagggt ggaagcagcc aggcaggctg gtcctaattgt 120
 tgggagtgtg tcagatctgg tggagaggtc attacttata gagttattaa tttatacccc 180
 accttaattg caaagagatt caaagcagta agccatcact ttagaattta atgttctgtt 240
 ttccttttta tttactcatt cagcagctat ttcaatgcct gctgtgtgcc aggtgctatt 300

<210> 343
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 343
 gctgcacagt gggaagggca ctgggctgga agccctaccc atgtcagggg atgtctgggc 60
 ctcagatttt tattttctag aatgaagata cttaccccc aattgctgag atatttgaat 120
 aaaagtatat gtgaaggatt ttgtaattat agaatgtcct acaaatatga gtagttcggt 180
 tgctactttt ttggcgaaga aaaatattgg gatgcatgaa taatatctac ctaagggtacc 240
 taaggttgta ttcattcccat ttattgaatg ccaaggatat accagctact gctccagatg 300

<210> 344
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 344
 ctgggaagga ataattcaat ttgattggca gatatatata atacagtagg agaataatgg 60
 gagaaagata aattgagact agaataggta gactttaaat gcctgtctgg ttaggtatt 120
 tgaactttca aggtgtggta aatgtttgag taaaggaata atgtgtocaa agattattat 180
 ggaattgtct ctctgcatac ctctatcgct gtttgtcaca gctgtgttct tatgtgactg 240
 attcttcctg aagattagaa actcctcaaa gactgggtat tagagcttat tcttcattat 300

<210> 345
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 345
 aaaaagtaaa gcttttcatg agcacaaatc ccttgcattg tttgatgtta ctgatattcg 60
 taaaatgaat attttttgtt ttgttttgtt ttattttttt gagacaagtc ttgctttgtt 120
 gccaggctg gagtgcaatg gcatgatctt ggctcactgc aacccctgcc ttgcgagttc 180
 aagtgattct tctgcctcag cctcctgagt agctgggatt acaggcgctc accaccacac 240
 ccagctaatt tctgtatttt tagtagacac agggttttac catgttggcc aggtctggtc 300

<210> 346
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 346
 agaaatgtag cacaaaatgg agaagtcgtt caaccttgac cctgtcagag ttcttatttg 60
 aaagccacat tgctgctagt gttcttattg tgttttggat tctgtttctt gccctttttc 120

ttattagcca	agtagtaact	taaggaagca	gataagaaca	atgaattttg	gactaaagga	180
agtaagaaca	atgaaccaga	aatcagatag	gaatgtggtg	ataattgtga	catgggcaca	240
tagtcatagt	gggagctcat	gtgagtaaaa	atagcttgat	acattttgtta	agagggcttgt	300

<210> 347

<211> 300

<212> DNA

<213> Homo sapiens

<400> 347

caaagccgtc	ccttcaaate	cgtctttgtg	cccactgcc	tagtcaaccc	cgtgagaagc	60
acagccggcc	ctgggacttt	aggacaagg	tctcttcgga	aagggcgag	cagcatgaga	120
aagaatggat	ccctgcagag	acccctccag	tccgggatcc	ccactctcgt	ggtaggctcc	180
ctcagacgca	gccccaccat	ggtccttcgg	cctcagcagt	tccaattcta	ccagccacag	240
gggatccctc	cctccccctc	agccgtgggtg	gtggagatgg	ggtccaagcc	tgccctcacg	300

<210> 348

<211> 300

<212> DNA

<213> Homo sapiens

<400> 348

actcctactc	agcccatgga	cccgatgagc	tggacctgca	aaagggagaa	ggcgtcaggg	60
tcctggggaa	gtgccaggac	ggctgggtca	ggggcgctctc	cttggtcacc	gggcgagtcg	120
gcattctccc	aaacaattac	gtcatcccca	ttttcagaaa	gacctctagt	tttccagact	180
cccgagccc	tgggtctctac	accacatgga	cgttatccac	ctcctctgtg	tcctcccaag	240
gcagcatttc	agaaggtgat	ccacggcaaa	gccgtccctt	caaatccgtc	tttgtgcca	300

<210> 349

<211> 300

<212> DNA

<213> Homo sapiens

<400> 349

agaatgctgc	cacagatgtg	agacgggtgt	ggctttcttc	agtgggtggat	cactttcatt	60
catcttttag	cgacaaaggt	tggggttgtg	gttacagaaa	tttccaaatg	ctactttcat	120
cattattaca	aatgatgtct	tacgacgatt	gcttaaaagg	tatgttgatt	ccttgcatc	180
caaaaattca	atctatgatt	gaagatgcat	ggaagggaagg	ttttgatcct	cagggggcct	240
ctcaacttaa	taacaggtta	caggggaacaa	aggcctggat	tggagcatgt	gaagtatata	300

<210> 350

<211> 300

<212> DNA

<213> Homo sapiens

<400> 350

aaaatccggt	aaattagaag	gggccctcgc	tattttctgt	gtcagtcctc	attttaaata	60
tggatacaaa	aaggatacgc	cgagccaatc	aaagacaagc	tttaacttta	ctttgaagt	120
tttctgaaat	gataaaatgt	agccctagcc	ccctgccctc	aattgtaaag	tgagcaacca	180
ttgctagtaa	ttctttaatg	tgtataaatt	caatttcagg	tataacaaat	gtgatcatga	240
catgaaaata	ttctagaata	gatactgtat	taaatattgc	catgtttaca	atatgtata	300

<210> 351

<211> 251

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (251)
 <223> n = A,T,C or G

<400> 351
 cacactccag gctgagaaag agtaattagg aggcctgagg aggggccgag gaaaggctgt 60
 tgggggtgtgc tgggggttggg acccgagcgc cttccctca cctcaaccag agaagagcat 120
 ccggttgctt tttaaagctt ttagcctgcc ctagcaagga caaagcatgt tagattagag 180
 atgcttctgc tgatcgcagg gggtcttatt tgaaaacatc tatgatgggg gaggtgnnnn 240
 nnnnnnnnnn n 251

<210> 352
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 352
 atccagatgg gatacctcta aacacgaaaa gaaagaagat tccattagtg aatttttaag 60
 tttggctaga tcaaaagccg agccacctaa acaacagtcc agccccttag taaacaaaga 120
 ggaagagcat gcaccagaat catccgcaaa tcagacagtc aacaaagatg tggacgcaca 180
 ggctgaagga gaagggagcc gcccatccat ggacttattc agggccatct ttgccagttc 240
 ctcagatgaa aagtcctcat cctccgagga tgagcaaggt gacagtgaag atgatcaggc 300

<210> 353
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 353
 tgtctacact ggccgagtct ctgggtctgt ctacactggc cgagtctccg actgtctgtg 60
 ctttcaacta cactcctctt gccacccccc atccctgctt acttagacct cagccggcgc 120
 cggaccgggt aggggcagtc tgggcagcag gaaggaaggg cgcagcgtcc cctccttcag 180
 aggaggctct ggggtggggc tgctcccat cccccaagc ccaccagca ctctcattgc 240
 tgctggtgag ttcagctttt accagcctca gtgtggaggc tccatcccag cacacaggcc 300

<210> 354
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 354
 cccccctctt ctaggatgag ccactgtaga tcattaaagt tcctccttga gaggctgagc 60
 cgtageccagg attggggaga gcccttgtct ctggtcagcc ctggagcatg ggatcgtggg 120
 aaagaggagg gggaccaggc ccagggcagg ggtcagaggc ccaggccctg acttcggctt 180
 cccagagatc tctccgcctt agttaagagc atgtgtcggg aaattcctca gagtgtcag 240
 agtcctgtgta tttttatacc tttttacaat gttaactgtt cagaactgtt ttttgtaaca 300

<210> 355
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 355
 cttggaaatg cttctagctc cggacattcg acatgaaaga aatgtgattt tgcagtgtgt 60
 tcggtacatc atcaaaaaag acttttttgg actggatact aattctgcga aaagtaaaaga 120

tgtataggca	tctggtgttt	cagcatacat	aactgaagca	tgtgaaacag	tatcatcctc	180
gttagtagag	gaaaaccaa	accctttttt	ccgtcaaaat	tggatttgta	attaaattgt	240
aagcctcgta	ggatgtatgt	tggaatttta	agtctttcct	ttggttctat	gcaaataaaa	300

<210> 356
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 356						
ccgaagcaga	ggacccggac	gatgaggetg	ggtcccactc	agcctcgccc	agccctgctc	60
aagctgggag	tcccctccat	ggagacacat	cacctgcagc	cacccccaca	cagcgagcc	120
cacggacctc	ctttggctct	ctgacagaca	gcagtgaaga	ggcactggaa	ggaatggtac	180
gggggctgag	gcaggggtggc	gtgtccctcc	taggccagcc	acagcccctg	acccaggaac	240
agtggcggag	ctctttcatg	cggcgcaacc	gagacctca	gctcaatgag	cgagtgcacc	300

<210> 357
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 357						
gacagaccgt	tgagaggacg	tggaggcccg	agagggggta	tgcgcggcag	aggcagaggt	60
ggccctggga	acagagtttt	tgacgctttt	gaccagagag	gaaagcgaga	atttgaaaga	120
tatggtggga	atgacaaaat	agcagtcaga	actgaagaca	acatgggtgg	atgtggagtt	180
cgaacctggg	gatcgggtaa	agataccagt	gatgtggagc	caactgcacc	gatggaggaa	240
cccacagtgg	tggaggagtc	ccagggcacc	ccggaagagg	agtctccagc	caaagttcct	300

<210> 358
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 358						
atcaccttgg	cacgttcccc	tcagctgggc	tctgcagggc	agctaagatt	gggactgat	60
gttcttggct	tcagtcctac	ccgggttatg	cagctacggc	ttcatacata	caccagttgc	120
actaacttgg	gatgaaaatt	aagttaaaac	cagtagaaaa	tttcattccta	tgttttgggtg	180
gtaaaagaag	caaataaaca	aatgaataga	ggctgccaaa	cagttgtctc	accaactggt	240
ccgactagct	aacaagatta	gctagggtcat	acctagtcgt	aaaagaatac	tataagaact	300

<210> 359
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 359						
ctcgattcag	cattatacta	ggctgcctcc	atgtgttttt	caaagcccca	ttcaagtttt	60
acttctatgg	taaactaatt	ttacatacac	aaatcttttc	attttctgaa	cttcctttat	120
ggctttactg	tcacccact	agtatttgat	gtcttagcta	ttactaatt	cctgatcatt	180
tcacttgtca	catcaggaac	cctatcctct	tagttctccc	attgagattt	cactgctgga	240
ctaagattat	tcttgattcg	tagtcattgg	tttctgtttc	cattcatttt	cagcactgat	300

<210> 360
 <211> 293
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (293)
 <223> n = A,T,C or G

<400> 360
 ggaggtttttt ttttcattat aattttttca ggaaagactt atggaaaaaa atatctctct 60
 cccacctcct tttatcccca tgagacacag tttccactcg taatcagggt aatatgcatt 120
 tgtaagttct gatatgtgat tcatttatgt gatggcaaag ataagtctgt cttgaatgca 180
 ggtactannn nnnngttnnac annttatnnc aatntcaanc aacnntaatt nctactacnn 240
 ngtnctctga nnaagangnn ntnntcattt agatntngnn accntnctga tta 293

<210> 361
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 361
 gtgatccgca agttgtggaa gaaatacgcc aagcaaataa agtagccaaa gaagctgcta 60
 acagatggac tgataacata ttcgcaataa aatcttgggc caaaagaaaa tttgggtttg 120
 aagaaaataa aattgataga actttttggaa ttccagaaga ctttgactac atagactaaa 180
 atattccatg gtggtgaagg atgtacaagc ttgtgaatat gtaaatttta aactattatc 240
 taactaagtg tactgaattg tcgtttgcct gtaactgtgt ttatcttttt attaattgta 300

<210> 362
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 362
 ccaggtagct ctcaaacttc ctctcactc cactcctcct tttacattca tggaaaggga 60
 gggggaaaga agcccagtct ccaagggtcag ccagttacac cagaagcagt gcccaaccaga 120
 atatgagccc cgccctggga cagggcacag agccctcact agcatgctgg agaggggcca 180
 ccccaggtcc tgggtgtccc tataccagc tgcttctctt caagctggtg aagccctgc 240
 cactgccacc acctcctccc ctaccttggg actttgtgtt taatcctgga agtcacaatt 300

<210> 363
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (300)
 <223> n = A,T,C or G

<400> 363
 attacctcca aatctcaagg cggccttgaa cattgagaaa gaactaccaa agccaagaca 60
 cgttttcaga aggaagacag cctcctccag gagcatctta cccgacctct tgtcaccgta 120
 ccaaattggc atccgagcaa aaagactgga agagagccga gcggcgggcg tccgagagct 180
 ccaggagaag caggctctga tggagcagca gagacgagag aaaagggcac tgcaggagtg 240
 gagagagcga gccagagga tggagaagag gannnnngag ctgagcaaac tcctgcctcg 300

<210> 364
 <211> 262
 <212> DNA

<213> Homo sapiens

<400> 364

cttcaggaac	tagatgtata	tgcaacaagg	attgagttta	cactaaaact	aggaaatgga	60
gttttcaatc	tatgtttctt	cctcttcata	cttttatatta	ttttttgtca	tcctgcctta	120
tactgggcta	acaatgagat	aaaataaaaa	tacctttgaa	tactcttttc	cctttcatgc	180
atttaaagcc	atggaggaac	tagaccatta	gctgttgccg	tcacatgctt	agacaccagt	240
ttacttagcg	tgttatgacc	tt				262

<210> 365

<211> 300

<212> DNA

<213> Homo sapiens

<400> 365

agttggagaa	cattatgctg	gagagagaat	ataaagaaag	ggagatgttg	gaaactttctc	60
aaagtgtctg	tctgtttctg	cccaaccgca	tggtgcctgg	acctgactac	aattcctaca	120
aaagtgccta	cagccccagc	ccagtggaaac	caccaagcaa	ggacttctgt	aattttttgc	180
ccacctgcct	tgatttaacc	atgcagtatt	caggggtctgg	gaatatggaa	ctaattttctt	240
ctaattgtcag	cgtggccaca	acttatatac	agtatccctt	gtcctcaaga	tttttagttt	300

<210> 366

<211> 300

<212> DNA

<213> Homo sapiens

<400> 366

gatgctgttg	tgacatctcg	gagtgaggat	gatgagacaa	aagaaaaaca	agttcgagac	60
aagaggagaa	aaacccttgt	tataattgag	aaaacctaca	gcttactcct	tgatgtggag	120
gactatgaaa	gacgttatct	cctaagtctg	gaagaagagc	gacctgccct	aatggatgac	180
agaaagcaca	aaattttag	catgtatgac	aacttaaggg	ggaaattgcc	tggaacaagag	240
aggcctagt	atgaccactt	tgtacagatc	atgtgtatcc	gaaaagggaa	gagaatgggt	300

<210> 367

<211> 300

<212> DNA

<213> Homo sapiens

<400> 367

cagtcctccc	cacactcaga	gatctgtggg	gaagctccgc	ccagccacac	tccttgggat	60
aatactagcc	ggttctgcct	gattcctttt	ccccggagcc	agcctagggg	gcccgggact	120
cctctagtga	gccttgactg	ttaggtaaga	gacaggaagc	agacaagcca	agaggttgct	180
gcagctgccc	ccaggaggaa	acgggcagca	gggagtgtgg	cccagcccc	actgtacccc	240
tccaggggccc	cgagcccttg	ccagcccaat	gacaccttga	agtcaccact	tttcctttct	300

<210> 368

<211> 300

<212> DNA

<213> Homo sapiens

<400> 368

atattgctgg	acactcagac	acaatttaga	gtatttatat	ataacttgaa	aacagtaaca	60
tttccaaaaa	ccgatgaacc	ccaccctgtc	ccaaggaatg	attggatatg	atgtgaagtt	120
cattttctga	caaaaataat	tacgttccac	ttaggatgca	caaccatgct	gtcctgtaga	180
gaagtcacaa	gttttgtgag	aattttttaa	ctgatgatgt	ttatttccat	ggtaacatga	240
gtatacattt	taccttctat	tgtagtgtatg	aatcacaatt	agtctttttt	tataggttgg	300

<210> 369
 <211> 294
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (294)
 <223> n = A,T,C or G

<400> 369
 atgggaccaa atttaagcaa tttttgtttt tggctgaaga gacacaaaaa tattagagga 60
 caaatatttt tagatccatt taaggagttt tgaagtgcct aagatgacct atttgtcagt 120
 ggtgcaaaat taattctctt cttttttgag ttgtagtga tatgcaattt ctgtgttccc 180
 cttccaccct ttaaacttta ggatgacaag ttataaagaa agaagatctt tgtctgggac 240
 ccccaaaggg atcctttctc taangnctct gacagagggt ccaggaccag acct 294

<210> 370
 <211> 241
 <212> DNA
 <213> Homo sapiens

<400> 370
 cacactccag gctgagaaag agtaattagg aggcctgagg agggggcccg ggaaaggctg 60
 ttggggtggg ctggggttgg taccgagcgc ccttcccctc acctcaacca gagaagagca 120
 tccggttget ttttaaagct ttttagcctgc cctagcaagg acaaagcatg ttagattaga 180
 gatgcttctg ctgatcgag gggttcttat ttgaaaacat ctatgatggg ggagggtgtgt 240
 g 241

<210> 371
 <211> 297
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (297)
 <223> n = A,T,C or G

<400> 371
 ccaagtcgca gggagcttgt ggcccttttg tgtttattgc agcagcttta gttctgcagt 60
 ggagggtggg tggagcagg gacgaggtct tgggagtctg tgaggccact ctggccgagg 120
 gtgtgggttt gcttcctcag ctgaagggat acatggaaac ccacctttgc atagtctagt 180
 aggggttacg gtgtggttca tggaagccat ttctgtgggt tgnnnnnnnn nnnnnnnnnn 240
 nnnnnnnnnn nntnntnntn ncnagaatn atgagntcaa nanannagcn tgatatg 297

<210> 372
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 372
 gttttttggt gaacactgat tttattggtg tcttagatcc ctagtctacc caaataatgt 60
 taacagtact gttttttcta atcctgaagt ctgatattta tgactcatta gcaggaaatca 120
 aaactagtga tcagtagaac actttcaaaa taaaaatttg gaatgcagac ttttatgaaa 180
 atttaaaagt gtccttaac agaatatcat gggttttcct ataaaacttc ttttaagtatt 240

gtaattccag tctgccccaa cttaaaaaaa aattcttatt aatatgtcag tcattaattg 300

<210> 373

<211> 300

<212> DNA

<213> Homo sapiens

<400> 373

gtcaagttca agtcacacag gtttgctgac tgcgccatat tgttgctgac acaactggag 60
actggactta ggaatgtttt tgccacactt aacagatgtc caaaaagact cctgactgct 120
gagtcaacag ctctttatac cacctttgat caaatattgg caaaacactt gaatgatggt 180
aaaatcaatc agcttctctt tttccttgga gagcctgcta tggaatttct ctgggatttc 240
ctgaaccatc aggagggtcc ccgcataaga gatcatthta gccacgggga gatcaactta 300

<210> 374

<211> 300

<212> DNA

<213> Homo sapiens

<400> 374

gaggcctggg tgcggaaact gaagtggcca gaactgccta aattcagtc gctgaagtgg 60
aaggccctgt acagtgaccc taaatctttg gaaacatctg cttttgtcaa gtcctacaag 120
aaccttgctt tctactggat tctgaaagct ggatcatatg ttccttctga ccaaggggac 180
atggctctga agatgatgag actggttttg ccttggggca cagagctgag ctgaggccgc 240
tgaagctgta ggaagcgcca ttcttccctg tatctaactg gggctgtgat caagaagggt 300

<210> 375

<211> 300

<212> DNA

<213> Homo sapiens

<400> 375

ggaggcaggg atcaacgtga cgggtgtataa tggacagctg gatctcatcg tagataccat 60
gggtcaggag gcctgggtgc ggaaactgaa gtggccagaa ctgcctaaat tcagtcagct 120
gaagtggaag gccctgtaca gtgaccctaa atctttggaa acatctgctt ttgtcaagtc 180
ctacaagaac cttgctttct actggattct gaaagctggg catatgggtc cttctgacca 240
aggggacatg gctctgaaga tgatgagact ggtgactcag caagaatacg atggatgggg 300

<210> 376

<211> 300

<212> DNA

<213> Homo sapiens

<400> 376

ggaggcaggg atcaacgtga cgggtgtataa tggacagctg gatctcatcg tagataccat 60
gggtcaggag gcctgggtgc ggaaactgaa gtggccagaa ctgcctaaat tcagtcagct 120
gaagtggaag gccctgtaca gtgaccctaa atctttggaa acatctgctt ttgtcaagtc 180
ctacaagaac cttgctttct actggattct gaaagctggg catatgggtc cttctgacca 240
aggggacatg gctctgaaga tgatgagact ggtgactcag caagaatagg atggatgggg 300

<210> 377

<211> 300

<212> DNA

<213> Homo sapiens

<400> 377

gatagcttaa agcaagttta caagtaatta aaatggacag tttgccatta aagattttta	60
atagtggttt tgcagtgtac tggcttgaat tttctggact tgagttaact gaaggagagc	120
ctcaaaactat agtaacttca tttttaaaag ttactagaat ttggtatcct gatttatatt	180
gcagtgtttc aaaggtgtca ctgtcagaca aatagaaaca ctgccaaactt ggtgtaactt	240
aagctttcat ttaactaaaa cattcttttc ttgcaaaact tatttttcat gatcattttt	300

<210> 378

<211> 300

<212> DNA

<213> Homo sapiens

<400> 378

ataacacaca tcacagtatg ctctcagaaa tttctttatt tgaaccctat accaatatct	60
gttgatcaat gaccattttt gctcagcatg gagaaacagt gccctgcatg aagggtagt	120
agaataaaaa ggatcttacc acctttatca tgagggtggc tttgctctct ccattccaag	180
ttgttctctg ttctagaaag cagatgtagt agacatctac tgtttttgcc taaacagaat	240
ccctttttcc tttttttggt aaaagtactc atccctaata ttacattgtt ctggaaggac	300

<210> 379

<211> 300

<212> DNA

<213> Homo sapiens

<400> 379

ttagtgtact ggatgtcagg tccctcaaag attccttggc ccattttcat gtgaatgaag	60
aataaatcaa ttgtctttca ttgaatcaca cggacaacct gctggcttct gctgacgact	120
ctgggggcaat caaaatccta gacttggaaa acaagaaagt tatcagatcc ttgaagagac	180
attccaatat ctgctcctca gtggcttttc ggcctcagag gcctcagagc ctggtgtcat	240
gtggactgga tatgcacgtg atgctgtgga gtcttcaaaa agcccgacca ctctggatta	300

<210> 380

<211> 300

<212> DNA

<213> Homo sapiens

<400> 380

ttagtgtact ggatgtcagg tccctcaaag attccttggc ccattttcat gtgaatgaag	60
aagaaatcaa ttgtctttca ttgaatcaaa cggaaaacct gctggcttct gctgacgact	120
ctgggggcaat caaaatccta gacttggaaa acaagaaagt tatcagatcc ttgaagagac	180
attccaatat ctgctcctca gtggcttttc ggcctcagag gcctcagagc ctggtgtcat	240
gtggactgga tatgcagggt atgctgtgga gtcttcaaaa agcccgacca ctctggatta	300

<210> 381

<211> 296

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

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<223> n = A,T,C or G

<400> 381

gaactgctgg ccgagcccg cggaggtcta gaaagagaaa atctgtttct agacctcagt	60
tattttccca tttttggttg ttttgaagca gtaacatttt tctcagtga catgcaattt	120
gggttttaga gaagatggcc accagctggc ttcctagata ttttaaactt ttgttcttta	180

atatgctgtc	catggctgag	tttattagta	catgggctta	gcgaccacac	aaatattcta	240
ttacgaaact	gttncagaaa	taaattngca	ctgtncattc	ntctggcctc	gctgggt	296

<210> 382
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 382						
gccaaacttca	attccctttt	agtcactctac	ttcctactaa	cagctgtaac	taggatgagt	60
caaaatcaat	tgcctatgct	caccagatcc	ctgataaatt	cccatgaagc	cacctgaaag	120
gtggtaaaag	caaggtaaaa	cgtgggtgaaa	gcaaggtaaa	gaaggtagat	ttcacaattt	180
tgttttttta	aaaggggaat	cttccttgaa	ttctttgagg	tactaagtac	gtggtttaat	240
gcataatttc	attcttggtta	gcagttttaa	aataatgttt	cagagactgt	attcacgatt	300

<210> 383
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 383						
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atttaaaagc	tgagcttttt	atcagaaagc	ttttttgatg	ttttaagtgt	tatgtgactt	120
gttgaacttt	ttaaaaagtg	ctacttttaa	aatcccagat	actctgaatt	ttagaaaaca	180
aactaattct	gattgtgtcg	tgcccaagta	cccttttttt	ttaatgaata	gggaccaatg	240
ccacattgct	ttttatattc	ctttctttat	taatgatgcc	aaaacaaaa	gtagctgtgt	300

<210> 384
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 384						
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taggttctctg	ctttgtcttg	atctcaatcc	attctaactc	ctgatgtcat	ttaccgtgtg	120
agatcttagt	acaatcatga	aaagaatatg	agcattttatc	aaaactctct	gacatctgta	180
tgtttagaaa	tgaacttaca	cagcaaaaata	tgatttcctt	gcacttattt	aatttttcta	240
acttcaattt	ctacctatgt	gtctctgcc	gtttgacctg	attcagacac	ccagaacttg	300

<210> 385
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 385						
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attgatggag	gttttttagt	agattcatag	aatataacgt	atctaccaa	gattccgttt	120
tcaagggatc	tagaagatgt	tagtgcacac	gcaaaaacca	gacaaaacgtc	tctacacgga	180
taaaggcaca	tatacaatta	tgacacacag	gaagggcata	cactctattg	tgggcacaga	240
atgacatgca	attatggaca	cacaaaaaca	catgcacca	attatggaca	ccaaaatata	300

<210> 386
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 386

tgctcttggg	tgcttcctga	ggtgtggttg	cacaggggtg	ttattcctga	atgcaagggc	60
ttactatgat	tttctcttag	tgctctctcat	ttctgatgct	ttctgtccta	tgaggtcagt	120
ctacttacta	gttagtattc	tatattaata	agtagtccaa	atgacttaac	tcctccagaa	180
atgttattcg	ttaaaagatg	agatgtgctg	agacaagagg	atcgcttgag	tcgggaaggt	240
tgaggctggt	gtgtgctata	attgggcctg	tgaatagcca	ctctgttcca	gcctgggcaa	300

<210> 387

<211> 300

<212> DNA

<213> Homo sapiens

<400> 387

gccagtccct	ggacagctac	gacgccatga	atatcttgcc	caagaagagc	tggcacgtcc	60
ggaacaagga	caatgtcgcc	cgctgctggc	gtgacgaggc	ccaggcccgg	gaggaggaga	120
aggagcgtga	gcggagggtg	ctgctggctc	agcaagaggc	ccgtacagaa	ttcctacgga	180
agaaagccag	acatcagaac	tcactgcctg	agcttgaagc	agcagaggcg	ggagccccag	240
gttctggccc	tgtggacctg	tttcggggagc	tgctggaggga	agggaaagga	gtgatcagag	300

<210> 388

<211> 300

<212> DNA

<213> Homo sapiens

<400> 388

gagacagcag	cccccaggga	atgaagctga	tgccagagtc	agacccgagg	aggaagagga	60
gccactgatg	gagatgcggc	tcggggatgc	gcctcagcac	ttctatgcag	cactgctgca	120
gctgggcctc	aagtacctct	ttatccttgg	tattcagatt	ctggcctgtg	ccttggcagc	180
ctccatcctt	cgcaggcatc	tcattggtctg	gaaagtgttt	gcccctaagt	tcataattga	240
ggctgtgggc	ttcattgtga	gcagcgtggg	acttctcctg	ggcatagctt	tggatgatgag	300

<210> 389

<211> 300

<212> DNA

<213> Homo sapiens

<400> 389

ctaggatgtc	tggcacctta	ccgaaggcta	ggaataggaa	ctaaaatgtt	aatcatgtc	60
ttaaacatct	gtgaaaaaga	tggtactttt	gacaacattt	atctgcatgt	ccagatcagc	120
aatgagtcgg	caattgactt	ctacaggaag	tttggctttg	agattattga	gacaaagaag	180
aactactata	agaggataga	gcccgcagat	gctcatgtgc	tgagaaaaaa	cctcaaagtt	240
ccttctgggt	agaatgcaga	tgtgcaaaag	acagacaact	gaacaaatta	caaatgaact	300

<210> 390

<211> 300

<212> DNA

<213> Homo sapiens

<400> 390

cctctctgtc	ataatgtacc	caaaatagag	taagaatatc	atgcttttca	gtaatactcc	60
agtgaatgag	gctaagagta	ccatttttgt	tcttataaaa	gaattttttt	ggacatgaat	120
acaaagatgt	caggttacca	aatcatttgc	tagtagatcc	taacaatatc	acctatagga	180
aactgaacgt	agccttttaa	cattaagtga	tgataatgga	tttggccggg	cgcggttgcc	240
tataatccca	acactgagag	gctgaggtgg	gtggatcact	tgaggccagg	acaggaccag	300

<210> 391

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 391

attccaaagg	tttcaaagaa	cttggtcata	aatatgataa	tgagaagaca	aagtatttat	60
attaaaacag	tttagtagcc	ttcagttttg	tgaaaatagt	tttcagcaca	gaaactgact	120
tcttttagaca	aagttttaac	caatgatggg	gtttgcttct	aggatataca	ctttaaaaga	180
actcactgtc	ccagtgggtg	tcattgatgg	cctttagtaa	attggagctg	cttaatcata	240
ttgatatcta	atttctttta	accacaatga	attgtcctta	attaccaaca	gtgaagcact	300

<210> 392
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 392

gttgcccgga	gatgtctttt	tattttttgtg	ctgtaaaatt	ctcttacagc	aaaaataggc	60
tttagaaaagg	tcttctactg	tcttcagcaa	ccatctcacc	ttccagcttc	acctgattgt	120
ccagttatca	tacatttgac	tttcaaagt	atgaaccagc	atgtacccca	tggatttaaat	180
cttatctacc	ccgtggattc	aatcttctta	tcagaagggt	cttttatgtc	aaaaaacctg	240
ctgtcaaggc	ttgaagagcc	tacacactca	atggcaaaca	cagcaccgag	tctgctctga	300

<210> 393
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 393

gcctgctgct	tcattgccgc	ggcgctcctgc	tccacgtctc	tgtgctgctg	ggccctgcac	60
tgctcgccct	gctgcgagcc	cacacgcccc	tccacatggc	tgccctcctc	ctgcttccct	120
ggctcatggt	gctcacagcc	agagtgtctc	tggcacagtt	tgccctggcc	ttcgtgacgg	180
acacgtgcgt	ggcggtgctg	ctgctgtgctg	gggctgggct	gctcttccat	gggatgctgc	240
tgctgcgggg	ccagaccaca	tgggagtggg	ctcggggcca	gcactcctat	gacctgggtc	300

<210> 394
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 394

ctgcgacccc	tcggaccagt	gcccgcacca	ggcccgctgg	agcagcctgt	ggcacgtggg	60
gctcatcctg	ctggcggtcc	tcctgcttct	gctgtgtggg	gtcacagctg	gttgtgtccg	120
gttctgctgc	ctccggaagc	aggcacagcc	ccagccacat	ctgccaccag	cacggcagcc	180
ctgcgacgtg	gcagtcatcc	ctatggacag	tgacagccct	gtacacagca	ctgtgacctc	240
ctacagctcc	gtgcagtacc	cactgggcat	gcgggtgccc	ctgccctttg	gggagctgga	300

<210> 395
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 395

gtggttgtag	atcccacttg	ccccacacg	gagactgact	ctaaaaccct	tcattccaatg	60
gtgctaacc	ccggctctcc	cctgccccac	ctcaccacc	cagagaagca	cagaccccg	120
caggggcagg	ggccacccgc	acacccttgt	cccgggctg	tctgggactg	gccttcccg	180

ctcagccagt gaggtcaga agggacacaa agagggatgg aagaaaagaa caaagagaaa 240
 ctgttcctcc caccctctc cctgatgcca ggggcaccag actgattctg aggcacaaat 300

<210> 396
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 396
 ccacgattc ggtgtcacta tcctcataga tagagccaaa acatttctat cacaccggca 60
 atttcctatg tgtcccatcc caatcaatcc tttccctttt gctggctcca aacaatgact 120
 ctttcctatc ttattagaaa gattagaatt gcttttctag agttccagta atggaatcat 180
 acagtgtcta agtctgtttg tgggtctgta acaaaatacc tgagactggg taatttataa 240
 attataggaa attatttctc acagttctgg atgctgaaaa gtctatgatc aaggcactag 300

<210> 397
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 397
 agactactga actctacgct taaaaattat taagatggca aatttcatct tgtttttttt 60
 taacttaaaa aaactacata taagatagtt ttgcctgttt tcaggtttct tttcagtgtt 120
 ttaggtattc agtatttaaa tcacaaaatt tgtgatttga acattttttt cttccttcat 180
 gagattttta gtggattgat acttgctttc cattctgtcc cgatgtctga cctttgtaat 240
 gtaaagaaga acattttgtt taattgagag aagtctgctg tgttcttggt gatagaggac 300

<210> 398
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 398
 aaagtagtaa gacttggtat ggttgaggat taggaatgaa tattcatgaa atgtttctta 60
 ttgcttttcc ttccctaatt catacaatga atgtatttgg aatacttaca tattataaaa 120
 taaactatac ctcttcaaga ggtatcctgt tctgtaagat cagatgtttt tattgcagggt 180
 caatataata ctgccagaga cagaaaatac ccccttatca gtcccttagt gcctctttcc 240
 tgtttgtggc atggtgagaa aacccatgct gaaaagattg tactttgtga tccccctcag 300

<210> 399
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 399
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 gagtgcaggc gcatcgaaaa cttgtggaag aacagaatgc agagaaggcg aggaaagccg 120
 aagagatgag gcggcagcag aagctaaagc aggccaaact ggtggagcag tacagagaac 180
 agagctggat gactatggcc aatttggaga aagagctcca ggagatggag gcacgggtacg 240
 agaaggagtt tggagatgga tcggatgaaa atgaaatgga agaacatgaa ctcaaagatg 300

<210> 400
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 400

gctatgttgt	cgttacaaca	tcaaagtgat	tttacggttt	ttgatgggat	tattcaagtg	60
tcagaattaa	ctgttcaaaa	tggtctgaat	catgtagata	catggcaggt	aactgtttat	120
gggagaaaag	tacagtgtctg	ttacgtggca	ctgtacagtc	atgtgccacg	taacagcgtc	180
tgggtcagtg	acggacactt	acctgacagc	ggatccacaa	tattctcgtg	cagtgtgttt	240
ggaatcctcg	tctgggctct	cgctcgttggc	cttgtagatc	aagtagggga	agtgagtgat	300

<210> 401

<211> 300

<212> DNA

<213> Homo sapiens

<400> 401

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tgctgacacc	cagtaggaag	tatccattt	ttatcaggaa	agtcagtcac	gcgtagggat	120
ggtgaggaga	cgcgtaggga	tggtgaggag	gggagaggag	ggagacctgc	tggtgcctt	180
gcaccagggg	gaggcctgac	tcacgtctgt	tccccccaca	ggcctgtctt	tgcttgctg	240
ctttttccag	aatcgatttt	gcaagcttca	agattctgtt	ccctcttcg	cagaagtgag	300

<210> 402

<211> 300

<212> DNA

<213> Homo sapiens

<400> 402

ccccatctt	cactgggttat	tccacttatt	taaaatgtcc	agaataagca	aatctccata	60
tagaggaagt	agattagtgg	ttgcttcggg	atgggaggaa	tggaagatt	gaggtctttc	120
ttttgcagtg	ataaaaatgt	cctaaaattg	actgtagcga	tggtcacaca	actctgaata	180
tgcttaagac	cattgaatta	cacactttac	gttggtgaat	tgtatggtat	gtaaattata	240
gttcaataac	atagttacaa	aagataatca	aaagcatgaa	agcactgttg	atgtggtttg	300

<210> 403

<211> 300

<212> DNA

<213> Homo sapiens

<400> 403

aggcgtcctt	gcggaaaggg	catttttagct	gaggcttttg	agtacgaata	ggagctcagc	60
aggcagacga	atgaggaata	aaggctcagag	aaggctcagag	ctgagtgacg	tttggaatcc	120
accccgttta	ttgtagaact	gggggttcag	agggcaggtg	cctcagagtt	gaggccacac	180
agtgaggtct	ggtgggtgaa	aggaccaggg	aacgaggcgt	tcaggaaagc	aggttgctcag	240
agctatgtgg	agtctgtggg	tggcaggggc	agccgtcca	gcctttgaag	actttgaaag	300

<210> 404

<211> 300

<212> DNA

<213> Homo sapiens

<400> 404

gggattacag	gcataccca	ccgcgccag	cctgtaattt	cttatacttt	gtattttgta	60
cttgatttat	gcttctgata	cgctataatt	atattatgtac	atgttttttt	tcttcaatag	120
actgtgaact	cttcgaatgt	aggactccta	gagctagata	ctcaattatt	ttttattaaa	180
ttgaatgact	tgaaactaca	gatcctttat	ttaaacttcc	caaatttctg	ctttatctag	240
gcaactcttt	aaattctttt	atctcatgta	gatttcaaag	gctgaaataa	ttgagatttt	300

<210> 405

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 405
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 tttgtagcat cagaatttgg aaaccattac ttatatcaaa ttgcacatct tggagatgat 120
 gatgaagaac ctgagttttc atcagccatg cctctggaag aaggagacac attctttttt 180
 cagccaagac cacttaaaaa ccttgtgctg gttgatgagt tggacagcct ctctccatt 240
 ctgttttgcc agatagctga tctggccaat gaagatactc cacagttgta tgtggcctgt 300

<210> 406
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 406
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 gtgactgtct ggcaagggtca aaggcatcag ggaaggtaaa atactgaaac tatattttta 120
 aaaataaaag tattcccttt tgagtgtgaa ttaggaatca atgccccttc tctactctt 180
 tgtgaaaaaa atcacagttc ctgcagcaag tctatgcctg ggtaacaacc aaccacaaa 240
 atccaagagg aggtccccct ctccgcctc tgtgaggctt gaggagcagt atgtatctgg 300

<210> 407
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 407
 ggatgccctg gggcagaagc tgcccagaag gcccagcca gggcctggag agcagctcac 60
 agtcttccag ttctggagtt ttgtggaaac cttggacagc cccaccatgg aggcctacgt 120
 gactgagacc gctgaggagg tgctactggt gcggaatctg aactcggatg atcaggctgt 180
 tgtgctgaag gccctgagat tggcgccga ggggcgtctg cgaagggacg ggctgcgggc 240
 cctcagctcc ctgctcgtcc atggcaacaa caaggctcat gctgctgtca gcaccagct 300

<210> 408
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 408
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 taaggttgca gaagtagaag cacaagattt gacagctcat tagatattaa agaagaccaa 120
 tgaatcagga gatggtaatg ccaagattta gaccgctgg aacgatgatg agttgggtgt 180
 ggtgagagta agtagtgagc ataatgatat gttgaaatca gtaggaagat tgtgtttgag 240
 gaaaatataa ggtatccgtc cattcattct ttattttatc ctgttaatct ttaaaaagct 300

<210> 409
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 409
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 tctaccttct caaaccctcc agccggcaca tcacacaccg gacaccagga cccaagccca 120
 gcagacacag gatctgctaa cgcagctggc agctgaggtg gctatcgatg aaagctggaa 180

aggaggagggc ccagtgaccc tccaggacta tcgcctccca gacagtgatg acgacgagga 240
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<210> 410
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 410
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 accaaaatcc aagctaggat ggggacagag gcctggagac aacctgctgg cctccttcca 120
 ttaaagccat tacagtgtca ccacaggatt gtaagaatta caaatgcgtt ttccagagtc 180
 cccagagaaa aaggagtctg gcagttagaa gagtaaagtg catctgtcaa caaaagaaat 240
 accaaagatg agactacagc agcgacttgt cacctcttcc gtgttgctac tgctgagaa 300

<210> 411
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 411
 gccccgctcc atgagcagtg actccccagc tcctcctggc accagtcccc agggctctcc 60
 tgttggtagt tcctgctttt cttcttggaa attcctcgtg gacctcgaga tctttaccct 120
 aaaatagttc tgttgaattt caccctggca atgtaaattg atagcttata ttcacagatg 180
 ccagacaatg gacaactcac catcagtcct ctgctcacct gagacaaatg catgtctgat 240
 tgcttctctc gccctattgt ttatgtgaaa atgcagattc actgagccag actaaggcat 300

<210> 412
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 412
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 tctctgatgg ggagcagtat tgcattggtg ttgagaactg aggctctgat gttagaactg 120
 gattctgact taaccactg tttgccaca tcttgagcct tggtttccct atctgtaaaa 180
 tggcagtatt ctcgggctgg ctgaggaaag gaaatgaggg caggcgcggt ggctcaggcc 240
 tgtaatccca gcactttggc aggctgaggc atgtggatga tttgaggcca cgagtttgag 300

<210> 413
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 413
 cccaaatgga cactttgctt gcaggtgatg ctgccgaatg aataccaggg tacagctcca 60
 cctatctacc agttgaatgc tccttggtt aaagggcaag aacgtgcgga tttatcaaat 120
 agccttgagg aaatatatat tcagaatatc ggtgaaagta ttctttacct gtgggtggag 180
 aaaataagag atgttcttat acaaaaatct cagatgacag aaccaggccc agatgtaaa 240
 aagaaaactg aagaggaaga tgttgaatgt gaagatgata tcatttttagc atgtcagccc 300

<210> 414
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 414
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 tgtaatttta aagggtttac atttttaaaa atttaatagg gtatcagtta actaatttta 180
 cttagatgga acttctgtaa gcttagtagg tatgcttaa taaagcctgc taataaaata 240
 gagattcaga ctcaatagaa tgggttttaca tatgtaatat atgtttttaa cagcataaaa 300

<210> 415
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 415
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 aggagacttg gacacagttg cagggctgga aaaagaactg agtaatgcca aagaggaact 120
 tgaactcatg gctaaaaaag aaagagaaaag tcagatggaa ctttctgctc tacagtccat 180
 gatagctgtg caggaagaag agctgcaggt gcatgctgct gatatggagt ctctgaccag 240
 gaacatacag attaaagaag atctcataaa ggacctgcaa atgcaactgg ttgatcctga 300

<210> 416
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 416
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 cgagatttat ggtggcaggg aatccctcca agtgtgagag gcaaagtctg gagcttagcc 120
 attggcaacg agttaaatat caccacagag ctctttgaca tctgtcttgc ccgagccaag 180
 gagaggtggc ggtcccttag cacaggaggc tctgaagtgg agaacgaaga tgctggtttt 240
 tcagcagcag acagagaagc cagtctggag cttattaaac tggacatttc tagaacattt 300

<210> 417
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 417
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 ttcccagtgt tgactactct gcttgccctc tctcttctgt ctttaatactt actgtgttaa 120
 agagcttttg ttgagtatag attctcctag gcttaccgta gagttacatc ctgataagcc 180
 cattataagt tgaaaatgtt tttagccgtg gtggctcatg cctgtgttcc cagaactttg 240
 ggaaggtgag gtgggcgac acttgaggcc aggagttcga gaccagcctg ggcgacagag 300

<210> 418
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 418
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 tgagctttga cagtctgtct gggaggcagg gctcaggcat ccctggcctc ttgggggttg 120

gtgagagggga	gacagaggtt	tgtgaagcgc	tttgacacacc	tgggcacatctg	gtcagtgttc	180
agtaaatgcc	agctgggctc	agtgggtgcac	tcctgtaatc	ccagcacttt	aggaggctga	240
gtgggggagga	tcacttgaag	ccacgagttc	agggctcagc	ctgggcaaca	gagaaagaca	300

<210> 419
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 419						
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ggcttcccat	gggagctgat	ggcttcgtgc	ccctggggcac	cctcctgcag	ttgccccagt	120
tccgcggctt	ctctgctgaa	gatgtgcagc	gcgtgggtgga	caccaatagg	aagcagcggt	180
tcgccctgca	gctgggggat	cccagcactg	gccttctcat	ccgggccaac	cagggccatt	240
ccctgcaggt	acctaagttg	gagctgatgc	ccctggagac	accgcaggcc	ctgccccga	300

<210> 420
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 420						
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gcagctgtcc	aaggctctgt	cctatgccct	gcgccatggg	gccttgaagc	tggggcttcc	120
catgggagct	gatggcttcg	tgccctggg	caccctcctg	cagttgcccc	agttccgcgg	180
cttctctgct	gaagatgtgc	agcgcgtgg	ggacaccaat	aggaagcagc	ggttcgccct	240
gcagctgggg	gatcccagca	ctggccttct	catccgggcc	aaccagggcc	attccctgca	300

<210> 421
 <211> 295
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(295)
 <223> n = A,T,C or G

<400> 421						
accaagagaa	cgcggtcaga	aggagggtgga	actggggagt	cctctcaggg	agggacangc	60
aaaagactca	aagtagatgg	acagaaaaac	tgctgtgagg	aggggaaaga	ggagcagcag	120
ggatgtgcag	gggacggtgg	ggaagacagg	gtagaagaga	tggttatgga	ggttggagag	180
atgggtgcagg	actgggccat	gcanagccct	gggcagccag	gggacctgcc	cctgaccact	240
ggaaagcatg	gnncccctgg	anaagagggg	ctagtncatc	actgcagccc	tggct	295

<210> 422
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 422						
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ttttccagtt	ggatttgttt	ttctgttctc	ttctgtcctg	tottatactg	caactgtgtc	120
tcctagggga	cagatggcct	tctttgtcat	cttcactctc	cacccccaga	gaggagtcat	180
agccataact	caatcactca	gcccccccaa	agatagttag	tgtgtgataa	tctcataatg	240
ttgagaacct	tgatgagata	cattgtcttc	ctctccctac	aatgcctctg	gggccaaggc	300

<210> 423
 <211> 267
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(267)
 <223> n = A,T,C or G

<400> 423
 cttatcctgg tggatgtgct attttcttna aggagtatga agcccttttc tanctatcnt 60
 cccagtggag cggagttctc agtgnnacgt tactccatag tgcaatccat attaataggc 120
 ttcttctctt aagtcttcat ctcttctttt gcttaattac tgaaccgtaa attcccttca 180
 gagaaattta aatgctggta ttgggacttt atacatgata ctttttgtag tttcttttaa 240
 tttttgaaag atgaactgct tcctttt 267

<210> 424
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 424
 cctggtttcc tgtcccttag tgggtgtggcc gtggggcaaac gccttaactt ccgtgagctt 60
 tgacagtctg tctgggaggc agggctcagg catccctggc ctcttggggg tgggtgagag 120
 ggagacagag gtttgtgaag cgctttgcac acctgggcat ctggtcagtg ttcagtaaat 180
 gccagctggg ctgagtgggt cactcctgta atcccagcac tttaggaggc tgagtgggga 240
 ggatcacttg aagccacgag ttcagggctc agcctgggca acagagaaag acacttgctt 300

<210> 425
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 425
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 tgaataagtg ccttttctctg tcccatctgc cacctttgtc ttccctctgg acatatcctg 120
 ggggttcagg agcttccagc tgtgcagttg gccacaggac taggggagcc ccttccctt 180
 ccagaccagt gtccacatac ccttccctgt gccacacac cttccctctgt gccgcactg 240
 tcaccaccca caagcctact ccagcaggag caccacagcc ttctgcgggc acgctgtgca 300

<210> 426
 <211> 277
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(277)
 <223> n = A,T,C or G

<400> 426
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 gtattgccca tttggggtag atttaggaaa atattttcta aatccaagag ttcaaaacca 120
 ggctggacaa catagcaaga ccatatctct accaaaaaaa aaaaaaaaaa nnnnnnnnnn 180
 nnnnnnnnnn tngcccnngn ancccnant tnnatggngg gntgnggng gnggncnntt 240

ggncennngg gggtnagggn tgcagggncc ctnggcc

277

<210> 427

<211> 300

<212> DNA

<213> Homo sapiens

<400> 427

ctgatccta	at	gagctttatg	atggagttga	agatgctttt	ggaagttgcc	ttaaagaata	60
gacaagagct	gt	atgcacta	cctcctcctc	cccagttcta	ctcaagcctt	attgaagaga	120
taggaactct	tg	gttgggat	aattttaaaa	tatttttctt	gctggcagcc	accagaaact	180
ggaagaggca	ag	gaatagat	tctctcctag	agcctccaga	gggagcacat	ctttgctgac	240
accttgattt	tt	gccagtg	aacagatgtg	gaacccttg	cctccagaac	tagagagaat	300

<210> 428

<211> 300

<212> DNA

<213> Homo sapiens

<400> 428

tttctataca	att	tttctctt	ctgatccaga	gacacggaaa	aacaaagggc	aagatggaaa	60
taagggatga	ga	aggtctat	gtggaaaaac	agttacaact	ggagtggtaa	ctgcaaaaac	120
caagcagctt	cat	gtgatcg	ttaggacaga	agaaatttct	cctttgtagc	ctagagcaat	180
attctcaaaa	tt	taatgcgc	atgttaatca	tttggggatc	ttttattcat	ttttcatgt	240
gggatcttt	ta	aaaatgca	aattctgatt	tggttaagtct	ggagtaggtc	ctgagcttct	300

<210> 429

<211> 300

<212> DNA

<213> Homo sapiens

<400> 429

gaatcatcga	agg	ttgagac	cgtgtctagt	tacatagtta	taaataccca	tctatgtact	60
gatgccttct	aa	tgtctat	ctccagtatg	gtcttttctt	ttaagctcta	gatccattga	120
caccctcacc	at	ctctaaaa	ggcatttcaa	actgaacaca	tctgatacag	aacttttcat	180
ttccttccca	act	tttgccca	cgccagcctg	ctcctccttc	acgctttcca	cttagtatat	240
gatcccacta	tt	cactcagt	ctctgaagct	taaaacctag	gattcatcct	tgactactgt	300

<210> 430

<211> 300

<212> DNA

<213> Homo sapiens

<400> 430

caatcagtga	ta	agctatat	tttgagtttt	aaaattggtt	ttacaattac	ccctgttttg	60
agtatatatc	tt	gtcaaata	attctaataa	atatttgctg	ataactgtgt	ggaatacata	120
aatggtaggt	ag	aaatttgg	aagaatcact	acatatcttc	agttatcatt	ctctgtgtaa	180
attcatgctt	ta	aaaatatg	agaagttaaa	gtgccttgga	tattatttta	ttttctatat	240
tttgtcccat	att	gtatttgt	ctaattttca	ttgaaaccac	ataacatgct	tgaataggca	300

<210> 431

<211> 300

<212> DNA

<213> Homo sapiens

<400> 431

tggctggtat	tataggtgca	caccaccaca	cccaactagt	tttttgtgtt	tttagtagag	60
atgggggtttc	atgatgttgg	ccaagctggt	ctcgagctcc	tgaccccagg	tgatccaccc	120
acctcggcct	cccaggggtgc	tgggaattata	ggcgtgagcc	actgcgcacg	gcctggggag	180
gttttatttc	ttgacaaagg	tatttgatac	tcgtgcagac	cctggagggt	ctcactggag	240
agacaacatt	taggctgaga	tctgattaac	aggaggcagc	tgacgtgcag	aggtcaaaag	300

<210> 432

<211> 300

<212> DNA

<213> Homo sapiens

<400> 432

cccaggetga	caggggctct	gccgtcttta	acatgtgact	ttctagggtca	gtcatctggt	60
cattgctttt	ccacacagca	gataagacaa	aggagtggaa	atagaggggt	agagattttc	120
tcttaaacgt	gtgaggctgg	agtggatatgc	ttcattggca	agaacctggt	cctagcctgc	180
ctagctgaaa	ggaggggagt	cagggagatg	cactttgcag	ccaaaattct	gttgccaaga	240
aggggaaagt	agatttggtt	gattttgatc	tgtgtttgct	gctgtgttac	tctataattc	300

<210> 433

<211> 300

<212> DNA

<213> Homo sapiens

<400> 433

cacctagctt	tatcatttgt	aaaatgagtc	tctagggtaca	gccctttctg	gggttgagac	60
agagtttctg	aggagtaaaa	gccatgtcat	tgtggaaaca	ggcagctatt	ctcacagctg	120
gcatgagccc	actactcccc	tataatcagt	gctgataaac	tgctctcatt	tgttggactt	180
cagactttcc	tgaccacttt	tgaatggggg	ccactttgaa	tggaactttt	ctatgtattg	240
aattaaaaga	tctccaagat	aatgggttaa	atgaaaaagc	acagtgcaaa	agggcatatg	300

<210> 434

<211> 300

<212> DNA

<213> Homo sapiens

<400> 434

aagataaaag	agataaggaa	gaaaaagaaa	gcagcagaga	aaaaaggagg	tggtctcgtg	60
gcccagaag	acgcaaattcc	agatctcctt	cccctagaag	acgatcttcc	cctgtcagga	120
gagagagaaa	gcgcagtcac	tctcgatctc	cccgtcacag	aaccaagagc	cggagtcctt	180
cccctgctcc	agaaaagaag	gaaaaaactc	cagagctccc	agaaccttca	gtgaaagtaa	240
aagaaccttc	agtacaagag	gctacttcta	ctagtgcacat	tctgaaagtt	cccaaacctg	300

<210> 435

<211> 300

<212> DNA

<213> Homo sapiens

<400> 435

agagtcaagg	aaaagtgcaa	gatagatcta	tcccatttct	tcctccacct	ggagattcct	60
gagctatgct	cagcctctgt	ggggcagggg	agactggggg	catttttagt	caggatgctg	120
agaagtaatt	cctgctgggg	ccaggcatct	tttcagggct	gctgtgatgc	caacaaagaa	180
ggggccccag	gcccacctt	actcctggtc	ccaaaaagga	tccaagtggg	atgggaagct	240
ggcagcacca	accacttgt	agattaacaa	caacaacaaa	acaccaacaa	ataaaaaaag	300

<210> 436

<211> 300

<212> DNA

<213> Homo sapiens

<400> 436

aagaaaaggct	gccttttgagt	tgaccaacca	tgttgagggtg	gtagatgggt	gctaaactca	60
ctgtagtctg	agtaattgac	ttccacaagt	catccccact	gttgagcctt	tcaaaatgaa	120
gtctcagtat	atttaciaat	taatggacat	cctctctggg	gattagtcat	attctaattc	180
aacaaaagaca	ttgtttgaag	tttgtttttg	tttgctaaat	gaactaaaaa	ttatgagatt	240
tgacacataa	ggtactgagg	taaaggagag	ccaaaagtgg	ggtagtcaat	ctacttattc	300

<210> 437

<211> 300

<212> DNA

<213> Homo sapiens

<400> 437

accaggaata	atctagggct	cattagagat	gtcaaagatc	tgttctagtt	tcttaaccta	60
aaacaagagt	gttttagttc	cattttatag	gcggggagtc	tgagccaaac	atgttatgtc	120
actttccaag	tctccatagc	acagaagtct	tctgtctccc	catcctgact	ttcccagctc	180
atagggactg	tcaaaggcag	cagctctggc	cggctgtgat	gcctcatgcc	tgtaatccca	240
gtaatttggg	aggctgaggc	aggaggatca	tttgaacca	ggggttcaaa	accagcctga	300

<210> 438

<211> 300

<212> DNA

<213> Homo sapiens

<400> 438

gcagaacatt	tctcaagaat	cctcttgagc	cagtaatcaa	tcctgtctca	aaaaatgttc	60
tttgccattt	cctagatact	gcacaaaagt	ggccatgtcg	acatttgtcc	acccaccctc	120
caataagctg	gagcgacaaa	gggacattcc	atccctgtac	ccttagtggt	agccatgaca	180
cgatggccag	atcatggact	ccggaaagct	ttctgttttt	actggaaaca	tagcaaacct	240
tgatttagct	ccaagaaatt	gagtagggaa	atatttgttt	tttagcaatt	gtcatagtaa	300

<210> 439

<211> 300

<212> DNA

<213> Homo sapiens

<400> 439

cagaaattca	aataattctt	ttctgcttca	atgccagcag	aaggtcóccc	aggtagacat	60
ggagaagcac	tttgttttta	ataggagggt	ttcatagtgt	catctgaagc	cacctgggtc	120
tgttaaactg	tatcgtgcag	gttttgggtt	tggcattatt	catgtttctg	atcaattcta	180
tgcaactctc	atagttcctg	ttacttttta	gcattagctg	ccaaatgact	tcaaaaggct	240
ggggtgggtg	acttgactgt	gagactggat	tataacatgg	acaaatctta	ttttgcttaa	300

<210> 440

<211> 300

<212> DNA

<213> Homo sapiens

<400> 440

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gtatatgtgt	gtatatatac	atatgtatgt	ttatatacac	acatgtatct	gtatagtttt	120
atatatacat	atatacacat	agacatacag	agaaccacta	ctttgtaata	gtgtacagtt	180
tgttttatat	ctctttactt	tttttgttac	tattttatct	ggccagcgta	atagttttat	240

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<210> 441
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 441
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 aggggaagtg acctccggcc tccaggctct ggccgtggag gataccggag gcccctctgc 120
 ctcgcccggt aaggccgagg acgaggggga aggagggcga gaggagaccg agcgtgaggg 180
 gtccgggggc gaggaggcgc agggagaagt ccccgagcgt gggggagaag agcctgccga 240
 ggaggactcc gaggactggt gcgtgccctg cagcgacgag gagggtggagc tgccctgcgga 300

<210> 442
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 442
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 ccttgccgaa aatgctgac tcagtcgcaa tgctgggagc aggggctggc gtgggctacg 120
 cgctcctcgt tatcgtgacc ccgggagagc ggcggaagca ggaaatgcta aaggagatgc 180
 cactgcagga cccaaggagc agggaggagg cggccaggac ccagcagcta ttgctggcca 240
 ctctgcagga ggcagcgacc acgcaggaga acgtggcctg gaggaagaac tggatggttg 300

<210> 443
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 443
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 cagactctgg actcatgatt ttgtttcacg gaaacaaact cgttctgctg tcaatctgaa 180
 aatgccagtg ctgtgccttg gaaagaatgt ttggctttaa ttttaagggtt ttttttttta 240
 gtgtgtgttt tccctccaag tgtgatattt cctgctgaat taaattatac ttcagtgtgt 300

<210> 444
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 444
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 ggccatgacc ctgccctgt ggatcgggaa gcctggtgac aagccccac ccctctgtgg 120
 ggccatccct gcctcaggag actacgtggc cagacctgga gacaagggtg ctgcccgggt 180
 gaaggccgtg gatggggacg agcagtggat cctggccgag gtggtcagtt acagccatgc 240
 caccaacaag tatgaggtag atgacatcga tgaagaaggc aaagagagac acaccctgag 300

<210> 445
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 445

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ggttaattcc ctgaatccta cttgaacatt gtataaattt ctctttgcat ataatacata      60
tttgtgaatg agacatattc ccaaaaaaatt cttatctctg tatgtgattg gaaaagaaaa      120
gatcacattt gtatattcaa caatctttca cctatttcat aagtcatttt ttcaccctgt      180
atagtatggg aattattttt tatgttaaatt agaaactgaa tgtactgggt tgaatgggtg      240
cctctccaaa attcatgtac ttcctggagc ctcagaatgt gaccttattt ggaaatactg      300

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<210> 446
<211> 300
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

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<400> 446
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ctttggggat gatgttcgtt gttccaatca gtctcttcca atgaccagac actgccttac      180
ccatatttgt caggatacga atcagggttct cttcaagtgc tgccagggat ctgaagaggt      240
accctgcaac aaacctgttc ctgtaagcct ctctgaggat ccctgctgcc cactgcattt      300

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<210> 447
<211> 300
<212> DNA
<213> Homo sapiens

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<220>
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<223> n = A,T,C or G

```

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<400> 447
gccagatcct gcaggagagc gcgatgcaga aggctgcgtt cgaggcactc caggtgagga      60
aagacctgat gcacggcag atcaggagcc agattaagtt aatagaaact gagttattgc      120
agctgacaca gttggagtta aagatgaagn nnnnnnnnnn ngaatgccta nntgagatna      180
tttgacctgg tccttntttg nathttaccc ggnccanac tacanggtca cttggttcat      240
ctnctggacc cctgcttntt ctgggctgng cnntnaatgc ntncgttcct tnagagaaca      300

```

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<210> 448
<211> 300
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

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<400> 448
gttgctgtca cttggatttc tagctttggg agcctgttcc acctactcag ctctgcattg      60
agcagtatgg gcacatgccc tgtggacagt tactggacgt taatgaactc agaggagaaa      120
agcagtgagc cacttgttct gtgtgattta tggacttcca ttgctcttcc ttcacctcta      180
gtcactttct attgtacct gccctacatt ggctcctgcc aaggctccctc tctctccctg      240
ttttcctttt tttttttttt nnnnnnnnnn nnnnnnnnnt tgenttnncc cccaggttga      300

```

<210> 449
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 449
 gccaaagcctc ggccctccact gcacctgctg cggagtggca cctttgcctg caaggccctc 60
 taccatcatgg ccagtggtca tctcagcagg gtctttggcc actcaggagg cccttggtgt 120
 gggttgctca gtctgtcctt ccctcatgag aagctactgc ttatgtccac agaccaggag 180
 gagctgtcac gctggtacca cagtctgact tgggctatca gcagccagaa aaactagagg 240
 aatcttatag attccagaac tcaggatacc tcagggatag gtcacagcca agagtacaaa 300

<210> 450
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 450
 gccaaagcctc ggccctccact gcacctgctg cggagtggca cctttgcctg caagtcccgg 60
 taccatcatgg ccagtggtca tctcagcagg gtctttggcc actcaggagg cccttggtgt 120
 gggttgctca gtctgtcctt ccctcatgag aagctactgc ttatgtccac agaccaggag 180
 gagctgtcac gctggtacca cagtctgact tgggctatca tcagccagaa aaactagagg 240
 aatcttatag attccagaac tcaggatacc tcagggatag gtcacagcca agagtacaaa 300

<210> 451
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 451
 ccattgttag catcgtacac gattgtgatt tttatgtcaa aagaagccaa aacttgcaat 60
 actattttta gcagacaaaa aaaagaacta agtataaaat gtataaatat ttttgacttg 120
 aacatttgga tggcactggg tgcaagtaga gcatccatcc ttcggatgga atgtttggaa 180
 aaaagagact tttaaaaagg agacggttgt tttaaagagt ctgtttaggg gttaaagtac 240
 tgtaactcac gactgttaaa aaataaattt tcctgtgctg taaaggaagg tttcacagta 300

<210> 452
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 452
 gcaggatgtg atgtcacga gatgcagagg atactcagtc aaccaacatt tactgagcat 60
 ctacttcgtg ccgtatgtct tgtcaacgga aaggggtccc tatccagacc ccaagagagc 120
 attcttggat ctcttgcaag aaagaatttg aggcgaatcc atagagtaag caaggcaagt 180
 tacttctata tagaagggtg cacccttaca gatcaaaca tgcttagtga tgtgtgtcag 240
 acctctgagc ccaagcaaag ccatcatatc ccctgtgacc tgcattgata catccagatg 300

<210> 453
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 453
 cctgaggtca catgtggatt tggccagagc cttcaggagg tggaggccgg tgaggtcagg 60
 agcccagctc tccagggggc ttctgccctg actgggaagg gtgcctggct ccctaaaaca 120

atgtcaaagc	cagtcctgct	gttctctgtt	gccagggggc	aggtctgggc	ctggggccaac	180
cacgtttgtt	atcatggctg	ctgccttctg	gacagctgcc	agctctgcct	tgagagggtg	240
tgggacctct	ggatccagct	gacctgacag	gtcatctact	cagggaggag	ccctgtgctc	300

<210> 454
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 454						
cacctcctag	gttcaagcga	ttctcctgcc	tcagcctccc	aagtagctgg	gactataggc	60
atggggccacc	actcctggct	aactttcgta	tttttagtac	agatagggat	tcaccatgtt	120
ggccaggctg	gtcttgaact	cctgacctca	ggatgatctgc	ccgcttcggc	ttcccaaagt	180
gctgggatta	cagttgtgag	ccactgcacc	cagccaggaa	tgacatttca	aattattcaa	240
ttttgctatc	aacaccttaa	tataaaacca	aagaggttaag	catgctgggt	actatagaac	300

<210> 455
 <211> 221
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(221)
 <223> n = A,T,C or G

<400> 455						
ggggcgggcca	ttactgaaag	cctgcacatg	aggagtgggt	tttctctctc	tctcctcttc	60
aacattgagt	tgatgatgat	catgatgttt	gagacagtgt	ctcactctgt	cctgcctcag	120
cctcctgagg	agctaggacc	acaggctcat	gcctccacat	cctgctacat	tttttatatt	180
ttttgtagag	ttggggtctt	gctgnnnnnn	nnnnntttat	a		221

<210> 456
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 456						
gaaggcagtt	atatggtttt	ttactttttc	atcaattcca	taccatcggg	agtaactaaa	60
tgaaacatac	ttcaaagaaa	gaagtcaa	taaatgactg	tcattgcca	ttaataaaaa	120
caacaatctg	agcttaacaa	aaaatttaac	aaacagggaa	gacagaaaga	tggtatat	180
attgcctgac	tacactggca	taactcactt	taacaaaaat	tatcacattt	aataatataa	240
cctgttatag	ctaaatatta	aacacatatt	aattagggcc	aactttgaag	gatttcta	300

<210> 457
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 457						
aagtagctgg	gactacaggt	gccaccacc	atacctggct	aattttttgt	atttttagta	60
gagacagggg	ttatccatgt	tggccaggct	ggctctcaaac	tcctgacctc	aagtgatcct	120
cctgcctcgg	cctcccaaa	tgctgggatt	acaggtgtga	gccaccatgc	ccagccaata	180
atttcctgat	ataataaaaa	tgccaatact	atacaattaa	atagtaaagt	gataaaaaat	240
aggataacat	gataaccact	aattaatata	tactacataa	tcatcctttt	cgtgagttga	300

<210> 458
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 458
 gcagctgtgg agagaactgt acgtggtaag ggggagatat aagatgtcct gcataagtat 60
 tttccctgtg gattgcaaag tcattctatgg agaggaaagg tccaaaatag tcaactgggga 120
 gagcaggtga attagatggc caagcagggg ggatggatca tttgagggtt ggggtgacag 180
 atcaactgag atccacttac acttctgaaa acgcaagaac actttagaac attaacaaca 240
 cttaaagctt tttacatcat ttgtaaataa ctggtggaac ttaacaccac aaaataaagt 300

<210> 459
 <211> 243
 <212> DNA
 <213> Homo sapiens

<400> 459
 cacactccag gctgagaaaag agtaattagg aggcctgagg aggggcccag gaaaggctgt 60
 tgggggtgtg tgggggttgg acccgagcgc cttccccctca cctcaaccag agaagagcat 120
 ccggttgctt tttaaagctt ttagcctgcc ctagcaagga caaagcatgt tagattagag 180
 atgcttctgc tgatcgcagg ggttcttatt tgaaaacatc tatgatgggg gaggtgtggg 240
 aag 243

<210> 460
 <211> 260
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (260)
 <223> n = A,T,C or G

<400> 460
 cacactccag gctgagaaaag agtaattagg aggcctgagg aggggcccag gaaaggctgt 60
 tgggggtgtg tgggggttgg acccgagcgc cttccccctca cctcaaccag agaagagcat 120
 ccggttgctt tttaaagctt ttagcctgcc ctagcaagga caaagcatgt tagattagag 180
 atgcttctgc tgatcgcagg ggttcttatt tgaaaacatc tatgatgggg gaggtgtggg 240
 aannnnnnnn nnnnnnnntg 260

<210> 461
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 461
 ggcaggtcat gttttcaaga gtagccagaa gtctggattc ttatgcaaag cctgttttgt 60
 tgtttgtttg tttgtttgtt tgaagtttgg cagcagattt aacattttta aagtactgtg 120
 caggccaaac aaaacacgcc tgttgactgg ttgtttgcc tctaaatat aaagtggggc 180
 ccatgtgtgg tggtcacac ctgtaatccc agcatttttg gaggccaagg caggaagatc 240
 acttgagccc aggaggtcga ggctgcagtg agcagtgatc gcaccaccgc actccacctg 300

<210> 462
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 462

gccaggtgtc	attgcacatg	cctgcagtc	tggtactag	ggaggctgag	gcaggagaat	60
tttttgcacc	cagaagttca	aggctgcagt	gagctatgat	cacaccatgg	cactccagcc	120
tgggcaatag	aatgagaccc	agtctctaaa	aaagtagaag	ttaaaaaaaa	agattaagaa	180
tagatgtagg	gcagcagaat	ttcgaacttc	ttttcagcat	cacaatactt	taaaacagtg	240
attgtcatct	gcctcaaacc	cattgcctct	cacataggaa	atatttttgaa	acatattttt	300

<210> 463

<211> 268

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (268)

<223> n = A,T,C or G

<400> 463

gctgcactnt	ggcctgcatg	cactctggcc	tgcatggcag	aacaagaccc	tgtggaagaa	60
atgaacactg	gtattagact	taaagattaa	atttcctcaa	acatgtccta	tctgtagtag	120
ttcaactaga	caccttttaa	agtgcctcta	aattcatcag	atggccaaac	tgtatttata	180
atccacttag	gcattttgaa	aaactttcaa	cctgtaaaaa	gttactttta	tcttggattt	240
attatgaaga	actttgtagt	tgctttgt				268

<210> 464

<211> 300

<212> DNA

<213> Homo sapiens

<400> 464

catgagttaa	aggatatttt	cagtcctgtt	atcttcaatt	gcagtcttta	aaaaaaccca	60
ccctattgtt	ctacttgta	tatgtctatt	catacagtaa	attcatttca	aggtttatgc	120
cagtggttat	tattggtgct	ttttgaagtt	gaggtgaacc	atccaggaag	gtcttggtta	180
tggtatgttc	atctataatg	gcatagggga	aatatatata	tttttaatat	tgtaaacatt	240
tgtactgaat	aacctttttt	tccccccctc	cgcaagcaaa	actggttgaa	cagcggatga	300

<210> 465

<211> 300

<212> DNA

<213> Homo sapiens

<400> 465

attagctgct	tgtggtgggg	ccccaacccg	cctcgggcac	tggggagctg	ggctggggct	60
gctgctctgg	ggtctccggg	ggccacagct	tgggggtgag	tgaagacctc	aggggatgtg	120
gaggggtctg	cggggccctg	gccgcacagg	atggccttca	gggaaggtgg	tcttggggca	180
tggtgcagag	caggtgaccg	gagggaatcg	gtgacggagc	ggggccaagg	gaggggtccg	240
gagggagtca	gggatggagg	gcagagggag	tggatgtggg	ggtttgagga	cgtgtgacaa	300

<210> 466

<211> 300

<212> DNA

<213> Homo sapiens

<400> 466

```

gaaaagggag ccgcgagcg cctacgggag tccggcgcca gcagccggtta ccggcaacca    60
cgggcagctc tcaggggaatc tccgtcgtga ggccagaggc tccagtcccc gcgagtcacag    120
atgcctgtcc agcctccaag caaagacaca gaagagatgg aagcagaggg tgattctgct    180
gctgagatga atggggagga ggaagagagt gaggaggagc ggagcggcag ccagacagag    240
tcagaagagg agagctccga gatggatgat gaggactatg agcgacgccg cagcgagtgt    300

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<210> 467

<211> 300

<212> DNA

<213> Homo sapiens

<400> 467

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agtggctgag tggaggcgcc cagacctggg caggcagcag gctcaggccc acaccttgtg    60
atTTTTgaaa ccaaagccca gaagatgatg tttacttctc tctccctggc tctgcccttc    120
ttactgcaaa ccatgctgtg ccttagggcc cttctcatag ctgttctcctca tggccatgac    180
tggaacaggg atgcaacctc tttctacaca agcacagtta gttgggtgaa gtcttttttt    240
tgtttgTTTT agacggagtt tcactcttgt tgcccaggct ggagtgaagt ggcgtgacct    300

```

<210> 468

<211> 300

<212> DNA

<213> Homo sapiens

<400> 468

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ctggaaatga aattattatt ttcacccata gtagcaataa aaagaatact cagtaatacg    60
tatggaatac tacttagtca taaaaaggaa tgaaataatg gcatttgcag caacctggat    120
ggaactggag accattattc taagtgaagt aactcaggaa tggaaaacca aacgtcgtgt    180
gttctcactc ttaagtggga gctaagctgt gaggacgcaa aggcctaaga atgatacaat    240
ggacttttga gactcagggg aaagggtggg agggcggtga gggataaaac agtgcacact    300

```

<210> 469

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 469

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gacagtacct ttccccccc tttcatggcc cattttattg tctgcctttc agtactaagt    60
atgaccgttc ctatctcaga tcttaataaa gagaaaaaaa aannnnnnnnn nnnnnnaatn    120
nggccttant tgantatact ngttagcaag cgtgngngac agagagtggg gaaagctnca    180
tcattgaana ttngataaa ctttaccgac ttgagtntgg tncatntntc cctttnccta    240
aattaactag cactgnctgn aagncatttn nctgtctgac gnntntccct tccattctgc    300

```

<210> 470

<211> 300

<212> DNA

<213> Homo sapiens

<400> 470

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actgcctcct tccacagag tgcccccttg gccaaagaag attattatca gatattagga    60
gtgcctcgaa atgccagcca gaaagagatc aagaaagcct attatcagct gctctgctca    120
gttagttttt attcccgggg taccaagcag ctgcacagtc ggtgcctggg aggcacgtag    180

```

agggccctgg ctcaggcaga gggagatggg tagactcttg cagggctaaa actctaattt 240
 ggaattgaat attgtggata tcttagttaa aggccatgct tacagcttag aaatgaagcc 300

<210> 471
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 471
 ttttttaaga gataaggtct tgctatgtta tctaggtgg cctaaacttc tgggctgaag 60
 tgatcctcct gtgtagctgg gactacaagc atgtgccacc aatgcctggc ttctcacact 120
 gttttgtaac atagatatgt gaagatgtgt attatagaat tgtttgtaat actgtagtgt 180
 tgtaggcaat gtgactgtct ataggggaagt ggacaggtta tttgtggtaa atactcatgg 240
 aaaacgggtca agcagttaaa agcaatcaat tatggtcacc cagcaatgca gataaatctt 300

<210> 472
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 472
 agaacagggga gaagagagga agagggagct gcagggtgcc aagagaaca gggcggactc 60
 tcaggacgaa aagagtcaaa cctttttggg aaaatcagag gaagtaactg gaaagcaaga 120
 agatcatggt ataaaggaga aaggggtccc agtcagcggg caggaggcga aagagccaga 180
 gagttgggat gggggcaggc tgggggcagt ggggaagagcg aggagcaggg aagaggagaa 240
 tgagcatcat gggccttcaa tgcccgtctc gatagcccct gaggactctc ctcactgtga 300

<210> 473
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 473
 atttgactaa atcattgttt cacaactgaa tagtcttggt ctttttagtag caatgaaatc 60
 ctaagctcct gaggccattc acctgccaac ctgaccatac tgctttcaaa agtcttttct 120
 catcagtaga atctattttg gtcacttcta gtcaatgaaa aatgtaaact ttagggagag 180
 aatgtttcct aggactcacc cactccattc aatgttacat ataaaaatag gtgatcaatc 240
 acaatgtcca tcttttagaca gttgggttaa taaattatct ggtcttttgaa aagaccgtgc 300

<210> 474
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 474
 aacttaaagg tagttttaga aggaagtaca aattggcttt catcttgcaa acaatcgttt 60
 tttacttcat tatcttaatt tgctttgtca ctcataaaaa ggaaaccata cctgagttgt 120
 agacaatgag gaaacacttg aggcttctgc tgtgtgttct tttgttattg ttgttattgt 180
 tgttactcag taacttgaat attgtttaat gtgttgtaag acgtagagtt tatctcaagc 240
 tgttaaaaat ggtaatgtac aaatgtgaat agacacttat ctatataata tgggtaagtt 300

<210> 475
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 475

ttacttttga	ttgtgtctga	tggaactga	gttgttggcc	tttgtgaaat	gaaatTTTTg	60
gctcttgaga	aagaattctt	atgaattgtt	atgcgaattt	tatatattta	aagagggaga	120
tctggggctg	ttatTTTTaa	acactTTTTt	tcataataca	tattccgagt	agatatttat	180
aaaatatatg	tttctttcat	tatgtgtttg	taaaattaga	gtttaaataa	atatgctttg	240
atgcatagtt	ttgaactaat	gtaacatgat	ttttcttttt	taaaacagcc	tgaaaatgta	300

<210> 476

<211> 293

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (293)

<223> n = A,T,C or G

<400> 476

tcatattagt	gttgccanga	gcaaaagggtg	gggnagggtgt	tgacttttnan	agcacagnag	60
naanttttcn	tggtgtgtgt	cgnttatctn	gattgtgtta	gtgcccacan	gnctgtatgc	120
atttttcata	attcncanan	ntgtatncta	atnagggtgc	acttcactgn	acataaatga	180
atctcaacag	acaaaagggtt	aatcattttg	ttcatttcctt	taacaagtat	gtgtcgagtg	240
cctactatgt	gctgggcact	gtaggttcaa	tggttaagaaa	agcagataca	ggc	293

<210> 477

<211> 300

<212> DNA

<213> Homo sapiens

<400> 477

gatgagttct	tttctttctt	tccacctcct	gcaaattatg	tgatttgcac	aatttgtaca	60
tagttaggtt	catttgtttag	tttgtattcc	ttttggcttc	ccccatatcc	tcgttgactt	120
tttctttctt	ttgttaactta	catatgttat	gaaatttata	tgaggatata	taattttcat	180
aaatgtttat	ggtttacatg	tattagtgtt	tattattaag	atcacccctgg	gattgactgg	240
ccaagcattt	ggtggaagat	agcaataaat	aatacatcat	aaaagacttt	aatgtaaaaa	300

<210> 478

<211> 300

<212> DNA

<213> Homo sapiens

<400> 478

aagccaggag	cgaggggact	aacagcgcac	ccccccacc	agtgccgacg	gaaaccccg	60
tttaaattaa	aaaataagcc	agtatacatc	gtagaaaatt	tctcttaaaa	atctcacaat	120
ttgtaaattg	atattttttt	tttaacataa	aagttttaca	tataccgtaa	aacaaaaggc	180
tcaggaaaat	aattttccaa	aaaaagggaag	aaaaagaaac	ctgaagtttt	gaattaaagc	240
tgaagacatt	tttttaaacc	ctgttgttga	accagtgact	tttttttatt	gtgctgatgg	300

<210> 479

<211> 231

<212> DNA

<213> Homo sapiens

<400> 479

cctcccagggt	tcacgccatt	ctcctgcctc	agcctcctga	gtagctggga	ctgcagggtgc	60
ccgccaccac	acccggctta	ttttttgtat	ttttagtaga	ggtgggggtt	cactgttagc	120

caggatgggtc tcatctcttt aacctcgtgg tccacccgcc tcggcctccc aagggtgctgg 180
gattacaggc gtgagccact gcgcctggcc ttgggttggt atactggggt c 231

<210> 480
<211> 300
<212> DNA
<213> Homo sapiens

<400> 480
gttccccctct tcttgtgaga ctggtccagg cagcccttct ggacactgca tgatcacagg 60
agcagccctc tggcccataa tgacggccct gtcttcgcag gtggccactc gggcccgag 120
ccgctgggta agggatgatgc ctacgctggc ttattgcacc ttctttttgg cggttggctt 180
gtcgcgaatc ttcattcttag cacatttccc tcaccagggt ctggctggcc taataactgc 240
tgttgtcact ccactctcct aggcgctgtc ctgggctggc tgatgactcc ccgagtgcct 300

<210> 481
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (300)
<223> n = A,T,C or G

<400> 481
gtgatcaciaa gggtcctttg ctgtggaata gtgaggtgggt tgagtcagag gcagagtgat 60
gcaatgactg aaagactttt ccagccatct ccggctttgn atncggaagt cggatcatgag 120
ccagggnntg caggcaggct ntgggagctg naaaaagcaa ganaatggnt tctccctgg 180
agcctccaga agggatgagg .tcttgccaac cccttgtcag tgagccnttt cagatttctg 240
acttccagga ctgtaagana atnancttgg cttgtcgaac ggnttcagan ttcaanact 300

<210> 482
<211> 300
<212> DNA
<213> Homo sapiens

<400> 482
cctacttatt ggatgttggc tctttgggtg catggagatg gctttactgt aggtttgttg 60
tgttgcatta cttttcattg ggattgaact gagaaataac aaacaagctt taagtgggaa 120
attaaaaaaaa agaagtaacc tatgtagatc caaacttaaa atgtgagaaa ttattgaaat 180
ttcattttct acaaacttga aattagcctg ctaattgtaa agttgtttta ataagtctga 240
caaatgtcag ttacgtttgc aaaggagtgt atgggttctag gtatttgcct actgttaacc 300

<210> 483
<211> 300
<212> DNA
<213> Homo sapiens

<400> 483
gggtgcagtg gctcactcct ataatccag cattttggaa gtcctatgca ggaggattgc 60
cagaggccag gaatttgaga tcagcctggg caacatagtg aaactctcat ctttataaaa 120
agtaatatata aaatttttaa aagtgtataa actgtaaaagt atattttact ggtgttttct 180
tccttattcc tacttgtcag atgcaaatac acatttttgt gtgtttgtgt tttagtaatta 240
taagtataca tatttcttct atttcatata tttctatgac attatatctt agatgtgtaa 300

<210> 484
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 484
 caaagaggta cagagtgaag acagtgtcct cctgtttggt attgcatgga cgatcacgga 60
 aatcatccgt tactcctttt atacattcag tctattaaac catctgcctt acctcatcaa 120
 atgggccagg tacacacttt tcattgtgct gtacccaatg ggagtgtcag gagaactgct 180
 cacaatatat gcagctctgc cctttgtcag acaagctggc ctatattcca tcagtttacc 240
 caacaaatac aatttctctt ttgactacta tgcattcctg attctaataa tgatctccta 300

<210> 485
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 485
 gtgaggctct cttaaaaaat ttaaaaatac tgaagaaaca aagggaggag tttgtagaat 60
 ctggagtggg ggaactttct gtgtcaccaa acacagaaac catcaaagaa aatctttcac 120
 ttccaaaatt agtctataga aaaaaaaaaa aaaatcttaa ccaaataag agactgaggg 180
 aagagcttca atcaatcgag gtttactgag ccagagttag agcgtgcca ggaaagcaac 240
 acaagtcaaa gaaacgtctg tggcctgtgc tctccaaga agttttcagg aggctcaata 300

<210> 486
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 486
 cattaatac acacaagact tcaattgctg ggtcctccat tgattaatga aaaaatgatt 60
 gtttttggaa tttgagtga acacttctta atggctgagt aggggtggctt acgcctgtaa 120
 tcccaccact ttgggatcac ttgaggccgg gactttgaga ccagcttggc caacatgagg 180
 aaagcacgtc tttactaaaa atacaaaaat tagctgggcc tgggtggctca tgcctgtaat 240
 cccagctact tgggagtctg aggcgagagg atcgcttgag cttgggaggt ggagggttga 300

<210> 487
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 487
 gtctagtata atcttgatgc tcaaaccaga taaggacaat acaagaaagg aagagtatag 60
 gctaattcta cccaataact aaatgaagta ttagcaaacc agattcatca ataattttt 120
 aaaaatcaag aattaattgg atttaggaat ataacactgt gtataacaag tttaagagaa 180
 atatatgaga atgataagac tgcaattgaa agtagaggct ttctctggag ggaaaggtga 240
 ggaggatgtg atttggaaga acagcatggg gaggcacag ttgtattgta atgtttat 300

<210> 488
 <211> 271
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (271)

<223> n = A,T,C or G

<400> 488

aancnangtn	atnncaaggg	tnattggntg	nggaatagng	aggtggatga	gtcagaggca	60
gagtnatgcn	nnnnntgaaa	gacttaacca	gccatcaccg	gctttgaata	cggaagacgg	120
tcatgagcca	gggaatgcag	gcaggctctg	ggagctgaaa	aaagcaagaa	aatggattct	180
cccctggagc	ctccagaagg	gatgcggtcc	tgccaacccc	ttgtcagtga	gccatttcag	240
atttctgact	tccaggactg	taagaaaata	a			271

<210> 489

<211> 300

<212> DNA

<213> Homo sapiens

<400> 489

aagacctgca	gcttcagcat	cacttgagaa	gttgtttaga	atgcatacta	gtgggccccg	60
ccccagaca	tagtgaatca	gaaaccaaca	gggaggcgcc	tagcattggt	ttttaacaa	120
gtgctgggtt	attctgatgc	acagtctagt	ttaagaacca	ctactttggg	ttaacgtttt	180
gactgtttaa	agtttatggc	ggtgaagtgg	gcactttcaa	agactagtac	ttacacagtt	240
tagaagattt	caaggtactg	ctgacagtag	tttattatgt	cagtatacat	acgtgtagag	300

<210> 490

<211> 275

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (275)

<223> n = A,T,C or G

<400> 490

gcactgtggc	gtcacctgt	aatcccacca	ttttgggagg	ctgaggcgga	ggaccacctg	60
aggcaaggaa	ttcagaacca	ctctgggcaa	cataatgaca	ctaacaaaga	ctatctctaa	120
tcaaggctag	aaccaaggga	aggctaataa	ttgcccagta	ctgtgcatct	actgaaagcc	180
ctacccaagg	ccaccannnn	nnnnnnncnt	ctntnntatg	ncnantcnga	aanaacngna	240
acnttcacnt	tnttgactga	cgactgtcna	cncat			275

<210> 491

<211> 300

<212> DNA

<213> Homo sapiens

<400> 491

tgatgcctta	gtcacttggc	cacacagttt	tgtggttttac	gagtcattgg	aattgcttgt	60
cttactctga	ctgctaaagt	tctgtcctat	tgtctttttca	tgtaaatagca	acatgactct	120
gatgacaaaag	cccaactaat	tacacaactt	aattttaatag	tttaaagcgc	aaagggcatt	180
ccctgagcag	taaaatcttt	tgtttggaag	ttttaaaaca	aatttatattt	tactttatgt	240
tttatattta	cgtaataagt	atttacaaga	acacaatttt	ctcaagattt	aaactgctca	300

<210> 492

<211> 300

<212> DNA

<213> Homo sapiens

<400> 492

gtcaactctc	cttggtgagt	gcctcagaac	ttaggaaaag	agaacagcgc	atgtctctct	60
catgaagatg	acagaggaca	aaagcaagca	gaaatataca	aggatttgcg	tactctatta	120
tgaatttctc	tttgagaaat	aatacctgtg	agaatgctgc	tccttcaatt	aggttcagga	180
ttggaggaaa	aatcatataa	aataggttcc	tgcaataata	ttgccccttg	agtatgggtg	240
ggcttgtgac	ctgctcagtg	ctaaggaaat	gcagtggaaa	tgatgctgtg	taacttctga	300

<210> 493

<211> 300

<212> DNA

<213> Homo sapiens

<400> 493

ctgacaactt	gattgggttc	tccttcaggt	ttgaagcgcc	ctcgagaagt	gtctaaagga	60
gacagttgat	agccaaacaa	cagttttgga	ttcactgact	gattatgaaa	gaagcagtag	120
actggtatca	agaatcagtc	agcaaggagg	ccctcaccag	acgccagtcg	catgttcttg	180
gacttctcag	cctccatatt	catgaactaa	gtttttggaa	tccttaggct	tccacgtgtg	240
gaaagcctga	gctaacctac	tggaggatga	gccatcacct	ggagcagatt	caggccatcc	300

<210> 494

<211> 300

<212> DNA

<213> Homo sapiens

<400> 494

gtcactctgt	cacccagget	ggagtgcagt	ggtgtgatca	tagctcactg	cagcctctac	60
ctcctgacac	aagctgtcat	cccgttttgg	cttctcaaag	tgctaggatt	ataggcgtga	120
gccaccatgc	ccgaccagtt	tctgctttta	ttaaaattgt	tcacagtttt	atacattcat	180
gttcattaaa	aatgctattt	agaaaagagt	ttgataaaat	aaatattata	caaaattcga	240
agaaaaaaga	aaagagtttc	tgtttcagtc	acaaattagg	gttattgtga	tgtgtattta	300

<210> 495

<211> 300

<212> DNA

<213> Homo sapiens

<400> 495

gaaaagttaa	aaaagacatt	gagtgatgta	atccaccctg	ggggcaatag	ccatattgcc	60
aatgggtcgg	ccgggtgtgt	ggcaacatta	cttcatgatg	cagccatgaa	ccctgcggaa	120
gtggtcaagc	agaggatgca	gatgtacaac	tcaccatacc	accgggtgac	agactgtgta	180
cgggcagtgt	ggcaaaatga	aggggcgggg	gccttttacc	gcagctacac	cacccagctg	240
accatgaacg	ttcctttcca	agccattcac	ttcatgacct	atgaattcct	gcaggagcac	300

<210> 496

<211> 300

<212> DNA

<213> Homo sapiens

<400> 496

gttatgaaaa	attattccca	ggtcctaagt	tccactctag	gaacttctaa	cattgccacc	60
ttgatttcag	aattatgtgc	accaataact	atgttgttcc	tctcattttt	tccacttttg	120
agcaagaagg	tcacatggca	gttaccctct	gcctgtccta	ccattgtctt	ttgggtatgt	180
gttgggcagg	taatttgtct	cttaagttcc	agaaacgaga	ttgagagaag	caatatatat	240
tcaaggagca	gcatttaagg	aactacctac	accaggaaa	tttcatctgt	acctgcacct	300

<210> 497

<211> 300

<212> DNA

<213> Homo sapiens

<400> 497

gtcacatctt	aatggatgg	tggcagacaa	aaagagagag	cttatcttagg	gaaactctgt	60
ttttaaaacc	atcagatctc	atgcaactta	ttcaccatca	caagaacagc	agggcacaga	120
cccatcccca	tgattcaatc	atttctact	gggtttcttc	cacagcatgt	aggaattatg	180
ggagctacaa	gatgagattt	gggtggagac	acagagccaa	aacacatcag	atgccatgga	240
aatacaatga	ggaaaagaca	gtctttccaa	taaactgtgc	tgggaaacct	ggctatccat	300

<210> 498

<211> 300

<212> DNA

<213> Homo sapiens

<400> 498

gcaaccttcg	cctctgggt	tcaagtgtt	ctcctccctc	agcatcccaa	gtagctggga	60
ctacaggcac	gtgccaccac	acccagctaa	tttttgcat	tttagtagag	gcagggtttc	120
atcatgttgg	ccaggctgg	ctcaaactcc	tgatctcaag	taatctgccc	actttggcct	180
cccaaagtgc	tggcattaca	ggaatggagc	caccgcgccc	agcctgattt	cttttttttag	240
gtcttgtcag	gaaagatatt	gattcttttg	attcgtgaac	atggtttttg	gtcgtcttta	300

<210> 499

<211> 300

<212> DNA

<213> Homo sapiens

<400> 499

cttaacagag	aaggtacctg	aggctcaaaa	aggatgactg	acagtccctag	tggcagaatg	60
gagggtgggat	ctggaacca	caacttgatt	cctaggactc	ttttttttta	attcccacat	120
tggctgggtg	tgggtggctca	cgctgtaat	cccagcactt	tgggaggctg	agggtgggtg	180
atcacctaag	gtcaggagtt	ccagaccagc	ctgaccaaca	tggtgaaacc	ccgtctgtac	240
taaaaataca	aaaattagcc	aggcatgggtg	gcccatttcc	tgtaatccca	gctactcagg	300

<210> 500

<211> 300

<212> DNA

<213> Homo sapiens

<400> 500

gggctgacct	taagataagg	agatgatcct	ggattatctg	ggtggaccca	atgtaatcac	60
aagggtcctt	aactgtggaa	tagtgagggtg	gctgagtcag	aggcagagtg	atgcaatgac	120
tgaaagactt	aaccagccat	caccggcttt	gaatacggaa	gacgggtcatg	agccagggaa	180
tgcaggcagg	ctctgggagc	tgaaaaaagc	aagaaaatgg	attctccctt	ggagcctcca	240
gaagggatgc	ggtcctgcc	accccttgct	agtgagccat	ttcagatttc	tgacttccag	300

<210> 501

<211> 300

<212> DNA

<213> Homo sapiens

<400> 501

ctgagatctg	cttttactga	agtggatcaa	tgatgaaact	agccaaatct	gagcatcaga	60
aggctttccg	gtctacctga	tgcattgatct	ctacagttct	gagaagcaga	actataaaac	120
aatgtaaaac	aataagggca	tatgtctgggt	gtgtgtgtgtg	ggggtgtgtg	tgtgtgtgca	180
cccacacgtg	tttataaagg	tagcagttgt	aggaatgaat	gagattgggg	gtgaggggggt	240

gcataatgtat gtctatgaaa gcctaatacat ttctgggcaa tgatgtaaag gttttacgac 300

<210> 502
 <211> 260
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (260)
 <223> n = A,T,C or G

<400> 502
 caccatcgaa tatttttatt tattttgaga gacagactct gtcacccagg ctagtcttaa 60
 actgttggtg aatcttaagt gattctccca cctcagcctc ccaaagtgtc gggattacag 120
 gcatgagcca ctacccttgg ctgtgatcaa gtatttagtn nnnnnnnnnn nnnnnnntaa 180
 atagtctgaa gtagagaaaa tagcacccaa tctaanataa ggtgaggtct anncacttat 240
 ttaannctnc nttntnntct 260

<210> 503
 <211> 294
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (294)
 <223> n = A,T,C or G

<400> 503
 gctatgctaa acagccttta catgtatggt ctgggttaaag ttcccttggt ccttttggtt 60
 taataaaatg tgtcactgat ttttttagctc aaaatcatca ctgttaattt ccagtcaccc 120
 caaatatggt taaaagattt ttttttttaa tcatgaagag aaaattagta gcatttcttt 180
 ctctcccat tatttattgg ttttcctcac taatctttt ttttttannn nnnnnnccaa 240
 aaatattnat ctnggtttna cntttnaatt nccntnctta atnggaattt tttt 294

<210> 504
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 504
 cagaacttca cagcagcctg tcctcatcag caacccaacc accttcatca gcaacccaac 60
 caccttcac agcaacccaa ccacctcgtc agcaacccaa ccacctcgtc agcaacccag 120
 ccaccttcac cagcaaccca accacctcat cagcaaccca gccaccttca tcagcaaccc 180
 aaccacctca tcagcaaacc aaccacttct atctgcaacc caaccacttt catcagcaac 240
 tcaacacctt catctgcgcc caaccacctt catcagcaaa ccaaccacct tcttcagcaa 300

<210> 505
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 505
 gccagctac gatctatatg ctgtcatcaa ccactatgga ggcattgatt gtggccacta 60
 cactgcctgt gcacgcctgc ccaatgatcg tagcagtcag cgcagtgacg tgggctggcg 120

```

cttgtttgat gacagcacag tgacaacggg agacgagagc caggttgtga cgcgttatgc 180
ctatgtactc ttctaccgcc gccggaactc tcctgtggag agggcccccga gggcaggtca 240
ctctgagcac caccagacc taggcctgc agctgaggct gctgcagcca gggactaggg 300

```

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<210> 506
<211> 276
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (276)
<223> n = A,T,C or G

```

```

<400> 506
ccaagtntnc ancanccacc aaanggnntn nccgnatgtg gtccttatac acaatanagt 60
gntantcatc catacnaaaa gaatgagatc ctatcatttg caataacatg gatgaaacta 120
aaagtcattg tgntatgnga aatnagncag gcncagaang tcanaaatatc acgtgttgtc 180
tcctctctcn taggannnnn nnnnnnnaag ccctctgaac tgacagagat ggagaatgga 240
aggatgggta ccagaagttg gtggggaagg ggggaag 276

```

```

<210> 507
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 507
aaaacacaca cacacacaac acaatgtttt cagcctgtga aacctagcac attgggaagc 60
caagtgggga ggattgcttg aggccaggag ttcaaggctg cagttagcta tgattgcaca 120
ctgtactcta gcctgggaga cagagtgaga cactgtctct aaaaaaaaaa aaagtttttg 180
aaccttaaaa tactttgttt gaatttctaa tcatcattca aaagagcagt aaaaaatggg 240
tacttgttct tgtacaagct actaattaga ctatagtagg atattttaaa gagctgaatc 300

```

```

<210> 508
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 508
tgaagccagg aaaggggggtg ggctaggggg tgctgtttta ggtagagtga tgggaacagc 60
cccactgagc aaacttttagc cacatgagta gctggaagaa aagccttcta ggaccaggga 120
acagcaagtg caacagccct gagacaggat gggcttggtc gtttgaggag cagtgggagg 180
cctgaaccag gttacatggg gccagccag tatggccacg actttgtgtt ttatccagag 240
tacaagggag cctcactgag ggacaaggga agtggcatga tgtgaccgcg atattaagag 300

```

```

<210> 509
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 509
gcctgggaaa gcgtggcgcc catgaatatc cgcaggagca cgcattgacct gggggccatg 60
gacggatggg tgtacgccgt ggggggtaac gacggtagct ccagcctcaa ctccatcgag 120
aagtacaacc cgaggacca caagtgggtg gccgcatect gcatgttcac ccggcgagc 180
agtgtgggtg tggcggtgct ggagctgctc aatttccgcg cgcctcctc cccgacgctg 240
tccgtgtcct ccaccagcct ctgaccacc taccaccaga ggcctgcagc ctccacatg 300

```

<210> 510
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 510
 tgcaacatca ctgatatcag catcctttaa aatattatct gcttcttggt ctaagagcaa 60
 caaagctggg aattccttat agagtatttc acaatgcctc cataatgaat gctgtaggct 120
 gctgtgggtt acagacatca aagtaaagga gcagtctttg gaaaatctaa tcaaggggaag 180
 gaagatctat gaacctccac ggtatatgag tgtaaaccac gcagcccagc agcttctgga 240
 gattgttcaa aatcaaagaa tacgaggaga agaaccagca gttaccgagg agacactttg 300

<210> 511
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 511
 gtatcacctg agcaaattctt ttaaattata cattctgtga tatttccttg actttcttat 60
 ccagcacttg tattgattat ttttcatttt gataatgttg ggttttttaa aactccttta 120
 tgatggaaaa tttcaaact acacaaaagt agagagagaa tggataata aaccactca 180
 gttttaagga ttgtcaacta ataccagttt tatttcatgt atgactccaa caacttcccc 240
 aaccagcctt cagattattt gaaagcaaat ttcagacatc gtattttact catacatttt 300

<210> 512
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 512
 gggcatgggg ccaggaccag gggagaggca cagctccttc ctgagcagcc tctcaccact 60
 gccacaaggc tccctaattgc tggctctctgc tccactcccc ggcttcccgt gaggcaggag 120
 gcagagccac agccaaggcc ctgaccactt ctgtgccagt tgtctaagca gagcgccctca 180
 gggacgctgg aaatgcctta aggatagagg ctgggcatca catcaaatgg gactgtgggtg 240
 tttggtgaaa accttctctga ggatctggat tcaggaccct ccatgactgg cctattttact 300

<210> 513
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 513
 cgaataaagc agaaaaggag agatcgctga aggaaaagtc tccgaaagaa gaaaaactga 60
 gactgtacaa agaggagaga aagaagaaat caaaagaccg gccctcaaaa ttagagaaga 120
 agaatgattt aaaagaggac aaaatttcaa aagagaaggg agaagatttt taaagaagat 180
 aaagaaaaac tcaaaaaaga aaagggtttat agggagatt ctgcttttga cgaatattgt 240
 aacaaaaatc agtttctgga gaatgaagac accaaattta gcctttctga cgatcagcga 300

<210> 514
 <211> 290
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (290)

<223> n = A,T,C or G

<400> 514

agtatgagaa	gggaggatgg	gggagaatct	gattaaaaaa	aatgattcat	tccttcacag	60
acactaacia	acatggctaa	aaagcacatg	tcagaacaca	gaagcctagg	tagatggttg	120
acatttttat	aacttcctta	agtgagtagt	taaaccagca	gtcttaattc	tggtgggtctt	180
ccaagagtgt	ttaattacat	aagtattacc	tgtattcatt	tcccacaact	gttgggtttt	240
tctttctttt	tttttttttt	nnnnnnnnnc	tnccnaaaaa	ancncccggt		290

<210> 515

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 515

anaaggcgca	ngaagcagaa	gcgagagcgc	aggacgacga	cgaggatata	gaagaggaac	60
agggggaaga	aaaggaaaag	ggagcgagcg	agaaaaggag	ggggaagaga	gtccgttttg	120
cataagatga	agaatagagt	gaaaattcct	cggaggacgg	tgacataacg	gataagagtc	180
tttgtggaag	tggtgaaaag	tacatcccac	ctcatgtgag	gcaagctgag	gagacagtgg	240
acttcaagaa	aaaggaagaa	ctagaaaggc	tgaagaaaca	tgtaaaaggt	ctacttaaca	300

<210> 516

<211> 300

<212> DNA

<213> Homo sapiens

<400> 516

gctatctgaa	cacagtggaa	agatgggacc	ctcaggctcg	ccagtggaaat	tttgttgcca	60
ctatgtctac	ccctaggagt	acagttagtg	tggcagtact	aagtggaaaa	ctttatgcag	120
ttggtggcgc	tgatggaaat	tcttgtctca	aatcagtaga	atgttttgat	cctcatacta	180
ataagtggac	actgtgtgca	cagatgtcaa	aaaggagagg	tggcgtagga	gtgacgacct	240
ggaatggact	gctgtatgct	ataggggggc	acgatgctcc	cgcataccaac	ttgacttcca	300

<210> 517

<211> 300

<212> DNA

<213> Homo sapiens

<400> 517

ggaacccatga	gaaccgaagc	tagaattgct	attgaattac	tttattttct	cttcccttat	60
tgggtagaga	tacatcatta	ctggcctcag	gggtttaccc	aaagaaaggg	tatttttgag	120
caaataatgt	gatttcctgg	ctattttgtt	gggggcttaa	gatttttttt	tttcaaagtc	180
attttttagtc	actaaaaatt	aactgtcgta	ccatctagaa	ctatactgtc	cagtaccata	240
gcctctagcc	gtatgtagct	atttgtatta	agattaattg	aaatttttaa	tccagttcct	300

<210> 518

<211> 214

<212> DNA

<213> Homo sapiens

<400> 518

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ctcagacaaa gaaaccattg aaattataga cctagcaaaa agagatttag agaagttgaa      60
aagaaaagaa aagaggaaga aaaaaagtgt ggctggtaaa gaggataata cagacactga      120
ccaagagaag aaagaagaaa aggggtgttc ggaaaagaaa aacaatgaat tagaagtgga      180
agaaagtcaa gaagtgagtg atcatgagga tgaa                                     214

```

<210> 519

<211> 300

<212> DNA

<213> Homo sapiens

<400> 519

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agcaattcca ctcttagctc caccacaggg aattgaaagc aaagacgcaa acagatgcct      60
gtgcacaaaa gttcacggca gcatccttcg ccatagtggc agcatccgtc gtcacagcgg      120
catcatcctt catcatagcg gcagcatccg tcgtcacagc ggcagcatcc ttcgccacag      180
cggcagcatc tgtcgtcaca gcggcagcat ccttcgcaa agcggcagca tccttcgtca      240
tagcggcagc atcctttgcc atagcggcaa ggtggaaacc ctgtccatcc actgaggcgt      300

```

<210> 520

<211> 300

<212> DNA

<213> Homo sapiens

<400> 520

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cacgccaggg ccagctgtca ggaaacaggg gctctaggcc cagcttcacc acttaggagc      60
tatggctttg ttcagaaaca ttgtgactct cttaccacaca cattcctctg ctggaagggg      120
agattgacaa accagcatca tctctaattt actacaaaag ccctcactgg aaattattct      180
taacttagca gctggttaga tccattaaaa aaaaaagtaa gttagactgt gttactctgc      240
tgctcaaagc cctgcagtgc ctccctcattt tacctagcgt aaaacctaaa gtcctttcca      300

```

<210> 521

<211> 270

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (270)

<223> n = A,T,C or G

<400> 521

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cacagttctg catggctggg gaggcctcac aatcatgggtg gaaggcaagg aggtgcaaaa      60
gcatgtctca catagtggca aggcaggaga gagcatgtgc aggggagctc ccatttataa      120
aaccatcaga tctcatgaga cttagtcact accacgagaa cagtatgggg ggaaccatcc      180
ccatgattca gttatctgca cctggcccca cccttgacac ntgggaatta ttccaatgcn      240
nggtganatt tgnntngnna nntttncnna                                     270

```

<210> 522

<211> 300

<212> DNA

<213> Homo sapiens

<400> 522

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attgaaggca gagaaggaag ggaggaggga atgattcaag gccaaaatgg ccacatttag      60
aagatacctc agatgataac cattgttatg tgtgtgcaat ttattttaac agtgcgtgtg      120
atgtggtgga caagttatat gaaatatcta gtctttctag atatttgga gtgcttgatg      180
tatttaaaag tggtagtaga ataacacttt gtaaatagct tttaaaaact gatgggaaat      240

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gctgttttggga agtggaattg ttgaaccacc tgggaggtgg gaggggaagaa attgcaaattg 300

<210> 523
<211> 300
<212> DNA
<213> Homo sapiens

<400> 523
tgaagaatgg cgtggggttg ttcctttcaa atgcacttga gcagcgggtct ccaaccacag 60
ggccacagag ctggaggtga gcagcaggcg agtgaagggg aacttcatct gtattttctag 120
cccctcccat cgcttgcatg accacctgag ctccatgtcc tgtcagatca gcagcagcat 180
tagatttctca caggagcaca aactctgttg tgaagtgtgc atgcgagggg tctaggttgt 240
gtactcctta tgagaatcta atgcctgata ttctgttact gtctcccatc accccagatg 300

<210> 524
<211> 300
<212> DNA
<213> Homo sapiens

<400> 524
caagaagagt tttctgttca gtttggaaca agattttttag aagacattta ggatgtacta 60
gtttgagttt ttaaattgtat atttgagata ttttctcaac tttctctttg ggtctgtagc 120
taaaatatgc agtataatgt tatattttatt tattttttta gagatggggg ctagctatatt 180
tgcccaggca gactcaaatt cctgggctca agtgatcctc tgccttggcc tctgagtag 240
ctgggactta cagacatgtg ccaccaaace tagtggtat ataattttta aaaatattct 300

<210> 525
<211> 300
<212> DNA
<213> Homo sapiens

<400> 525
gccacacggg ccgcgatcat ccctgcaatc tgggtccgct acgacctcag ccccatcacg 60
gtcaagtaca cagagagacg gcagccgctg tacagattca tcaccacgat ctgtgccatc 120
attggcggga ccttcaccgt cgccggcatc ctggactcat gcactttcac agcctctgag 180
gcctggaaga agatccagct gggcaagatg cattgacgcc acaccagcc taatggccga 240
ggaccctggg catcgccagc cttgcctcca gtgcctgtc tcctttggcc ctcaatctgg 300

<210> 526
<211> 300
<212> DNA
<213> Homo sapiens

<400> 526
ttccctccct cctcctttca ttctccttct ctccttctcc cttecttttc tctacctcc 60
tttgactaag cctccctccc ctactccctc ctttccctcc ttcttctctt cttctctatc 120
aatataatca ctttgtttct ttcaggtgag atcggactgg aactgttcgg ctgcgaccag 180
aaatttattt tctgagtaa attgccgaga attaagaatg aagagggcca tttgcatctc 240
cttaaattat tcagttacct gctttattgc tccatgtgga aaacttaaaa ttgttaagtt 300

<210> 527
<211> 300
<212> DNA
<213> Homo sapiens

<400> 527

atccagagaa	atgatgtgcc	ttgtgtaaag	ttgtggttag	gaagggacag	agccaggact	60
ctaaattctg	tcctccggcc	ataattccaa	aactttctcc	aatgttaggt	atgtaggcta	120
aaatgtgcta	acagcacttg	tgtttttgtt	tcctttttgtt	ttacttttta	ttatggcaaa	180
tttcaaacat	atacagatac	agaatagttt	aatgaactcc	catgttctca	tcatgccagt	240
tcaaacatga	atacatggtc	aaccttgtat	cacttaaact	cttgcacaca	agccctgccc	300

<210> 528

<211> 296

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (296)

<223> n = A,T,C or G

<400> 528

gtaagttatt	tgtaaagta	gaaccctcag	tgcatggctc	agggatctct	ggaggtcccc	60
aggacccttt	cagagaagcc	atgaggtcaa	aactgttttc	ataagcagaa	ccaaaacatt	120
atgtgacttt	ttcaatgcat	tggcatttgc	attgatggta	caaaagcaag	gatgagtaaa	180
atggnnnnnt	ncttagcgng	atcaagatgg	naanaantgc	acnaganaac	nntgtntnct	240
tnnctgcann	gngcntttta	agactnccna	ttcnaantaa	ganancannn	acggcc	296

<210> 529

<211> 300

<212> DNA

<213> Homo sapiens

<400> 529

aaaacactat	ttacctat	ttccaaggaag	gaagtattga	gattgacatt	ccagtcccca	60
aataacttate	ttctgtgagc	tcacaagaaa	ctcagggcgg	ccccttagct	cctatgactg	120
gaaccattga	aaaggtgttt	gtcaaagctg	gagacaaagt	gaaagcggga	gattccctca	180
tggttatgat	cgccatgaag	atggagcata	ccataaagtc	tccaaaggat	ggcacagtaa	240
agaaagtgtt	ctacagagaa	ggtgctcagg	ccaacagaca	cactccttta	gtcaggtttg	300

<210> 530

<211> 300

<212> DNA

<213> Homo sapiens

<400> 530

aacaggaata	tggaagaaa	ctcagagccg	agttagtggg	aaagtggaaa	gcagagagag	60
aggctcggct	ggcaagagga	gaaaaggaag	aggaggagga	agaggaggaa	gagatcaaca	120
tctatgcagt	caccgaggag	gagtcggacg	aggaaggcag	ccaggagaaa	ggaggggacg	180
acagccagca	gaagttcatt	gctcacgtcc	ctgttccttc	gcagcaagag	attgaggagg	240
cactggtgcg	aaggaagaaa	atggaactcc	tccagaagta	tgcaagcgag	accctgcagg	300

<210> 531

<211> 300

<212> DNA

<213> Homo sapiens

<400> 531

cttagattct	acctgtaaca	ttttataaaa	cttgctttat	aacacagata	tctatcaatc	60
tcatctttta	atttaatttt	ttttttgcaa	cagagcaaaa	cccagtctcc	aaaaaaaaaga	120
aaaaggaaaa	agaaatgtat	ttaaattatc	catgctttta	gctatttact	tatgagcctt	180

tataacagat	tcttcatagt	ctgccttcta	tactcccagg	gtgatggctt	ggggaagggg	240
gagctaggac	ctgtctttcc	tttgggtctta	tcaccacctc	ttccaggggc	tgctccttcc	300

<210> 532
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 532						
aatagtagaa	agggtcccca	ttcctgctca	gcaccgcacc	tctctacccc	cccacagaca	60
cacatgcaga	cacacacatg	cagacaacac	gcagacacac	acatgcaggc	actcacatgc	120
aggcccatgc	acacacacgt	gcacacacat	gcagagacat	gcagacacgc	aggcacacat	180
gcacacatgc	aaagacacgc	atgcaggcac	acgcagacgc	acacagagac	acacatgcag	240
atacacatgc	acacacacat	acacacactg	gccctgtttt	ttctgtgggtg	tcactgggtg	300

<210> 533
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 533						
gattttacgg	tttttgatgg	gattattcaa	gtgtcagaat	taactgttca	aaatgttctg	60
aatcatgtag	atacatggca	ggtaactgtt	tatgggagaa	aagtacagtg	ctgttacgtg	120
gcactgtaca	gtcatgtgcc	acgtaacagc	gtctgggtca	gtgacggaca	cttacctgac	180
agcggatcca	caatattctc	gtgcagtgtg	tttggaatcc	tggtctgggc	tctcgtcgtt	240
ggccttgtag	atcaagtagg	ggaagtgagt	gatgttcagt	catgctgctg	ggacacttgg	300

<210> 534
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 534						
gcctggccta	aatgaagtac	cacatgaccg	accgaccgac	ctggggaaca	tagcaagacc	60
ccatctctac	aaaaatgtaa	aaaataaaaa	ttagccgggt	gtagtggtag	atgcctgtaa	120
tcctagatac	tcgggaggct	aaggcagaag	gatcacttga	gcccaggagt	tcgaggctac	180
agtgaactgt	gatcgtgcca	ctgcactcca	tcctgggtgg	cagagtgagg	ccctgtctca	240
aaataaataa	tccagtcccc	cccaagaaag	gaatgaagtg	ctataatgag	aaaaatccta	300

<210> 535
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 535						
tggacggcag	agcccaagtt	tcaagctttc	cctgtccagt	ggaacgaaga	ctaacctcac	60
cagccagtca	tctacaacaa	atctgcctgg	ttctccggga	tcacctggat	ccccaggatc	120
tccaggctct	cctggatccg	tacctaaaaa	tacatctcag	acggcagcta	ttactacaaa	180
gggaggcctc	gtgggtctgg	tagattatcc	tgatgatgat	gaagatgatg	atgaggatga	240
agataaggaa	gatacgttac	cattgtcaaa	gaaagcaaaa	tttgattcat	aataatggca	300

<210> 536
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 536

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agtgcacgca gcccagagccc acgggagact gacagctctg caggagagat ttcaacacca      60
tcccacactg tccaggcctt aactgagagg gacagaagac gctggaagga gagaaggaag      120
cggaagtgt gcttctcagg gaggaaccg gcttgccagc aagtagattc ttacgaactc      180
caacttgcaa ttcagggggc atgtcccagt gttttttttg ttgttttttag atactaaatc      240
gtcccttctc cagtcctgat tactgtacac agtagcttta gatggcgtgg acgtgaataa      300

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<210> 537

<211> 267

<212> DNA

<213> Homo sapiens

<400> 537

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tttacatttt gtttgaatca ggatccaaat aaggtttaaa tattgcaatt tgattaatac      60
attaagattc ttttaattcta taagtctctg ctccatctgt cattttattt ttatcccttg      120
aaattttattt attgaagaaa ctatatcctt tgctttgtaa aattttccac agtgtggctg      180
gctttggctg attgctagcg tcatttgcta tttatttttg tcctgtatct tggatctggc      240
gccttgatca gatttaagtt gattttt

```

<210> 538

<211> 300

<212> DNA

<213> Homo sapiens

<400> 538

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ggtttttgat gggattattc aagtgtcaga attaactgtt caaaatgttc tgaatcatgt      60
agatacatgg caggtaactg tttatgggag aaaagtacag tgctgttacg tggcactgta      120
cagtcagtgt ccacgtaaca gcgtctgggt cagtgcagga cacttacctg acagcggatc      180
cacaatatcc tcgtgcagtg tgtttggaat cctggttggt gctctcgtcg ttggccttgt      240
agatcaagta ggggaagtga gtgatgttca gtcacgctgc tgggacactt ggatttccag      300

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<210> 539

<211> 300

<212> DNA

<213> Homo sapiens

<400> 539

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accagaagga agaaggatta ctaaattaga tcagattttg ctaaattggaa ataataaac      60
aatgctgggt cctggaggag aaggacctga agtgatgaatg agtttccttg acttacacta      120
gattttgttt tggcttataa tgacaagaaa atggaatttt ttttccctct ttctaattgtt      180
taaattccat aaagctaagt ttcccgttaa agggaagtgc tttgaagatg tgtaccatt      240
tttgtaagtt aatcatgatt atcctggaaa aagaagaaaa gagcttcttc tttgcagaga      300

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<210> 540

<211> 297

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (297)

<223> n = A, T, C or G

<400> 540

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gnnctataga atacaagcta cttgttcttt ttgcnnganc ccatcgantc ggaattatag      60
tattgacgtg aatcccactg tggatatagat tccataatat gcttgaatat natgatatgg      120

```

ccattttaata	acatttgattt	cattctgttt	aatgaatttg	gaaatatgca	ctgaaagaaa	180
tgtaaaacat	ttagaatagc	tcgtgttatg	gaaaaaagt	caactgaattt	attagacaaa	240
cttacgaatg	cttaacttct	ttacacagca	taggtgaaaa	tcataatttg	gctattg	297

<210> 541
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 541						
aatggcctgc	ctcacacgtc	agccagaacc	cagctgcccc	agtcaatgaa	gattatgcat	60
gagatcatgt	acaaactgga	agtgcctctat	gtcctctgcg	tgtgtgtgat	ggggcgtcag	120
cgaaaccagg	ttcacagaat	gattgcagag	ttcaagctga	tccttggaact	taataatttg	180
tttgacaaac	tgatttggag	gaagcattca	gcatctgccc	ttgtcctcca	tggtcacaac	240
cagaactgtg	actgtagccc	ggacatccct	tgaagataca	gtttttgagg	cttcttcaga	300

<210> 542
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 542						
gactgtgtgt	gctggtgtgt	gtgtgagttc	tacgttttcta	ccatatgtga	tcagtttaaat	60
agtaacttta	tttattttaa	aaaaagaaac	acaattagtt	actgttaaac	tgataaaggg	120
tgtttttttt	taccttttag	aattggctct	atgaagaagt	agaaagtgag	tcatgcacta	180
gacagtgggc	ctagctcatc	agtggctaaa	gttgaaaagg	ggttgggttc	ctgtatatat	240
atgtatgtat	atacacacgt	acatacattc	atatatatac	atatatacat	aatgtgctta	300

<210> 543
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 543						
ccagagctgg	cagaagaaaa	cagtaaagct	tagagtagaa	ataaatgaaa	taaagaacag	60
agaaatatag	aaaatcaaaa	ataccaaaag	ttggctcttt	gaaaagatca	acaaaattgc	120
caaccctttt	aagtagacaa	gaaagaatga	attggttggt	gtgcagtggg	gagcatagct	180
gcttttcaag	aacaaaaaag	actcaaata	ctaaaatcaa	gaatgatcaa	gaatgagaga	240
gtagacatta	ctacagatct	tacagaaatg	aaaggattat	taatgagtac	tgtgaacagt	300

<210> 544
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 544						
gtctctgcaa	aagacccctc	cgacccgagt	gttcgtggaa	ctggttccct	gggctgaccg	60
gagccgggag	aacaacctgg	cctcagggag	agagacgcta	ccgggcttac	gccacccctc	120
ctcctcaaca	caagcccaaa	ctgctaccgc	cgaggtgcaa	gtaagcggca	cctcagaagt	180
gtctgcgggc	cctgaccggg	cgcaggtggg	gggtgcgagt	agcagcacca	aggaggcggc	240
agccgaggcc	aaaaagagcg	tttgtcgccg	tctagattac	atcacgcaga	gcctccagca	300

<210> 545
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 545

taagaatcca	ccaccaccca	tcaattttca	ggaatgggat	ggtctagtaa	ggataacctt	60
tgtaggaaa	aacaagacac	tctctgctgc	atttaaata	agtgcagtgc	aacaactctt	120
ggaaaaaac	tacagaattc	actgttcagt	ccataatatt	ataataccag	aagatttcag	180
catagcagat	aaaatacagc	aaatcctaac	cagcacaggt	tttagtgaca	aacggggccg	240
ttccatggac	atagatgact	tcatcagatt	gctacatgga	ttcaacgcag	aaggatttca	300

<210> 546

<211> 298

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (298)

<223> n = A,T,C or G

<400> 546

gaaaggacag	tgctacttgt	atatgaaggt	tatagaacga	gcggcttttc	ctcggcgtct	60
ctgggaacgg	gtccggctta	gtaaaaacta	tgagaaagca	ctggagcaaa	tagatgaaaa	120
tctgatttac	tggccccgtt	tcattcgaca	caaattgtaag	cagagattca	ccaagatcac	180
ccaataccta	attcgaatta	caaaacttac	actaaagcga	cagaggaaac	ttgttccttt	240
gagtaacgaa	ggtggagcgt	agannnnnnn	nganganang	aaaaggcctt	nttagctg	298

<210> 547

<211> 300

<212> DNA

<213> Homo sapiens

<400> 547

agtaaattgat	aattgtgcc	ctgcattctc	acctgggtgg	gtgacaaagc	aagaccctgt	60
ctccaaatat	atgtatgtat	gtgtatatat	atatatgcac	acacacacac	atatacacac	120
atatatatat	tctgaatata	tatattcgtg	actccccgaa	ataaattcag	tttatatata	180
tgtaaataaa	ttctgaagac	tctacatgtg	tgtgtatata	tacacatata	tttttgtatt	240
aacgttaata	gtaatatata	catgagttca	gggtatttagc	cagttctgtc	tttcgggatg	300

<210> 548

<211> 300

<212> DNA

<213> Homo sapiens

<400> 548

atcagtatga	actcttaaaa	catgcagaag	caactctagg	aagtgggaat	ctgagacaag	60
ctgttatgtt	gcctgagggg	gaggatctca	atgaatggat	tgctgtgaac	actgtggatt	120
tctttaacca	gatcaacatg	ttatatggaa	ctattacaga	attctgcact	gaagcaagct	180
gtccagtcac	gtctgcaggt	ccgagatatg	aatatcactg	ggcagatggg	actaatatta	240
aaaagccaat	caaattgtct	gcacccaaat	acattgacta	tttgatgact	tgggttcaag	300

<210> 549

<211> 300

<212> DNA

<213> Homo sapiens

<400> 549

tctccttgcc	tttctcctga	aaggatgag	actacttgcc	ttactgtcat	attattgagg	60
gaatcagcgc	aaagcctgag	gaaatgaaca	gtagctgtgg	gtcaaagcca	tgtctccagg	120

ttcacggctc	actccccag	gacaagccta	gttaggtagt	ggctgcatct	ggtatccctg	180
ggacagaaat	gcaggtgaga	gggggtatca	agaatgcctc	gagcctctag	aactatagtg	240
agtcgtatta	cgtagatcca	gacatgataa	gatacattga	tgagtttgga	caaaccacaa	300

<210> 550
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 550						
gaaccaagaa	aatatttaaa	aatctaagca	gtcctttgct	cattaaagga	taaatacagta	60
gttaacactt	tttctacaaa	gaaatggtgt	gcctggatgg	tcgtgtaggt	gagttttacc	120
aaggattatg	gtaacaaatg	agtgagacct	ctatggagaa	aatattgaag	gacattaaag	180
aagacctcat	aaatggagag	agatatatca	ttaatggata	ggaagcctca	atggcataag	240
tatgtcagtt	tctttcaaaa	ctcacctatg	gattcaatgt	gattccaaac	caaatcccaa	300

<210> 551
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 551						
gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgaggt	caagcctgta	60
atcccaacac	tttgggagac	cgaggtgggg	gtatcgattg	agcctcggag	gtcgagatca	120
gcctgggaaa	cacagggagg	cccccatcgc	tacaaaatat	tttaaaaatt	agccaggtgt	180
ggtggcttgt	gcttggtgtc	cgggctactt	gggaggctga	agtgggaggg	tggttgagtg	240
ccaggagttc	actgcactga	gctgtgatca	caccactgca	ctccagcctg	gacgacagag	300

<210> 552
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (300)
 <223> n = A,T,C or G

<400> 552						
cgcaaactgg	ctaattctctg	ntananaact	atgatntnctg	ccatnatggt	gatannaggg	60
nccttagggg	gnanatngna	aaaaacctnt	gaccnangcn	cnnatganc	aangnnttgn	120
tactccacgt	gtaatgcntc	ncaaacnttg	ncntatngct	ctgaanacnc	tncgcgacca	180
ngaanaatan	anaagannct	gnanannatg	ctanantttt	ggccnanana	atgaacgagg	240
ctaaagagat	tcncttggan	cnaannntg	aatagantca	tactttcctn	tctgctagct	300

<210> 553
 <211> 297
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (297)
 <223> n = A,T,C or G

<400> 553

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aggaagttga agctgcaatg ggctatgatc gtgccactgc accccagctt gggccacaga      60
gcaagagcct gtctcaggaa aannnnnnnn naaaantcca aaantanttn gnangttcca      120
aattgcnnngc cnttctgana aangnaatac gancnaatct tccaccntcn tactccntcc      180
cacctaanat gngaaccctn tttgnccann ggntccaaac ngnatnngct acttgngngt      240
tagnaatcaa ccanngatan cagggnanct tttaacgnag gagtgctttt ntgggta        297

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<210> 554

<211> 300

<212> DNA

<213> Homo sapiens

<400> 554

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ttattcaagt gtcagaatta actgttcaaa atgttctgaa tcatgtagat acatggcagg      60
taactgttta tgggagaaaa gtacagtgtc gttacgtggc actgtacagt catgtgccac      120
gtaacagcgt ctgggtcagt gacggacact tacctgacag cggatccaca atattctcgt      180
gcagtgtgtt tggaatcctg gtctgggctc tcgtcggttg cctttagatg caagtagggg      240
aagtgagtga tgttcagtca tgctgctggg acacttggtt atccagatga aaacacataa      300

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<210> 555

<211> 273

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(273)

<223> n = A,T,C or G

<400> 555

```

ctctatcttg tttattgttg atgccatctt agaggaaaaa atgtaaaggc aagtaattaa      60
gcatatgaca gcaacaaata agatacttat aacctaatgg gactttatct ttagtattta      120
tgtattacaa aaaatccacc tttctctaag ggaagtttgt accccattga ttcttggtgc      180
ctttgggata gactgggttt taatggccta gttatttgag gatcttgctg ngntgtnnnc      240
atggncnttn ngatnnccct nganganann nnc                                273

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<210> 556

<211> 300

<212> DNA

<213> Homo sapiens

<400> 556

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gtgccatctt gctatgtttc ccaggctggg tttgaactcc cagcctcaag caatcctccc      60
tttcgcctc agcctcccaa gtggctgggg ttatgggcct gagccactac acagctaaga      120
gtgtcttgta tgtgctaata agatggctgg tgtctgagag cccctagaga gcttcaagat      180
gggggctagt ctttagaaag tccaagcaat ggctaggtat ggtggccact gcttgaatc      240
ccaggagttt gggaggccaa ggtggacaga tcacctagga gtttgagacc agcctggcca      300

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<210> 557

<211> 300

<212> DNA

<213> Homo sapiens

<400> 557

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ttctcagata cctgatggat ccagacacat tcactttcaa ctttaataat gaccctttgg      60
tccttcgacg gcgccagacc tacttggtgt atgaggtgga gcgcctggac aatggcacct      120
gggtcctgat ggaccagcac atgggctttc tatgcaacga ggctaagaat ctctctgtg      180

```

gcttttaecgg	ccgccatgcg	gagctgcgct	tcttggacct	ggttccttct	ttgcagttgg	240
acccggccca	gatctacagg	gtcacttggt	tcctctcctg	gagccctgc	ttctcctggg	300

<210> 558
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 558						
gtactccagg	ttgtgtttgt	gaatcaagat	gaacagcccg	ttcaaggcca	agaggctgag	60
ggcccccccg	aggtcgcagg	cgcggttgag	gaagtcgatc	atgagcgtgg	gctgcgccag	120
ctgcggcagg	atggcgatcat	gcacaatcag	cagcaccttc	ttgtagaggc	tgaggggcag	180
cttgtgcttg	aggaagctga	gccacatggc	ctggaaaacc	ctcctgtgct	ccttcagggtg	240
agcaacctct	cgtgccgaat	tcgaatcgat	gggatcctgc	aaaaagaaca	agtagcttgt	300

<210> 559
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 559						
gaaaacatct	aactaagatg	gtttcactgg	tgaattcaat	caaataattta	aggaacacat	60
aataccaaaa	ccataacaca	tacaaatata	tggcccttca	gattttgtac	ttctttttgt	120
gtcagtgtta	ataatacgta	tctttcaaag	aatatccccc	tttttttttg	gtagagatag	180
ggttttgcca	tggtgttggt	agcaagccct	aaccctgtca	taaacaggcc	ttaaataaac	240
tggccataaa	caggatttct	gcagcaatgg	gacatgctca	tgatggctgt	catgcacact	300

<210> 560
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 560						
acactgtccc	actccatcac	ccaggctgga	gtccagtggg	gtgatcatag	ctcgctgcat	60
cctccagttc	ctgggttcaa	gccatccctc	ctgcctcagc	ctccccagta	gctggaacta	120
caggtgtgtg	ccatcacacc	tggctttaca	tttttctgtg	gggtcttact	atgttgccca	180
ggcgggtctc	aaactcctga	gctcaagtga	tcctctgcct	cagcctccag	agtatctggg	240
attacatatg	tcggctaccg	tgtctggcgg	ttcacatctt	tggccactat	ttgcttgtga	300

<210> 561
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 561						
aatgagaaag	aaggaggaat	ctgaagcctt	gggtaaggat	ttggggcaca	gtaccaggag	60
gggggcttgg	tgccagacct	catgaggaag	aaggattttc	ctatgtacag	agaaggggac	120
cctgtcctgt	tgggaggtgc	tgtgcaaacc	taaccaagtt	actaaccctc	ctgttttatg	180
tgctacacaa	aggggataaa	tacaagcttc	cctctctagc	caattctatt	tggttcctga	240
gttttgaaaa	gtgatagata	ctgattttct	atgattttat	gaggacttaa	ataagctcct	300

<210> 562
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 562

ggaggacgag	gaggaggacg	acgaagagga	ggaggaggaa	aaggaggtgg	aggagcagca	60
gcagcagctg	cagcagctaa	tatgttgtac	ttattctgtg	ctgggcaaaa	ttctggatat	120
ttttcatgta	ctatttaagc	ctcacaaaaa	tcttatgata	taggaaatgc	ttgtttccat	180
ttggcacatg	aagaaactga	agaacagaga	aatgatgaaa	cttgccgagg	gtagtctgtc	240
cagagtctgt	attttaacta	ctgctgtgtt	gcctccatt	gcatagtgac	ttcacgtgta	300

<210> 563

<211> 300

<212> DNA

<213> Homo sapiens

<400> 563

gcctattcag	ttcctggtaa	gggctgtctt	cctggcttgc	agttgaacta	cttcttctgt	60
tgtcttcaca	agcatgcccc	catcctgtgc	cgataagaac	tccagacccc	aaactcagct	120
catacacaca	cggaagagag	aagcatctga	acatcaagaa	gagaagaagc	tgctggacat	180
cagaaactgt	gaaaggagag	gagtttggct	gagctccagg	ggaagactgc	ctgcacattc	240
tatccctttt	tcagttcccc	atcctgtgtt	cagccacatt	taccactcaa	taaaatcttc	300

<210> 564

<211> 299

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (299)

<223> n = A,T,C or G

<400> 564

gagaagccaa	gggagaggag	gaggaggaaa	ctaacgattc	cctgcccacc	cccacaccca	60
gcaccaccaa	caggtgggca	agcttgccga	gaaaacgcag	agggcatcct	gtgagcagca	120
aacactctga	gnnnnnnaa	gacgcagaga	agtaaagatc	aaagcgctac	tncangatcc	180
cgtaccagac	tcaagccatg	gctgggtccct	tctccgtctg	ctgtccgccc	gcccggactc	240
agcttctggt	tttggccgag	cggtgtctac	ccgtgggttt	ctgctccgac	ggaacctgt	299

<210> 565

<211> 300

<212> DNA

<213> Homo sapiens

<400> 565

cttgagccca	ggagttcaag	tccaacttgg	gcaacatgac	aagacccttg	tctctttaa	60
aaagcaactc	aaaccatgtc	ttgaaaagct	atttaatggg	cagacacgat	ggctcacgcc	120
tgtaatccca	gcactttggg	aggccgaggc	aggcggtatc	cttgaggtca	ggagttcaag	180
accagcctgg	ccaacatggc	aaaaccaggt	ctctactgaa	tgaaaatata	aaaattagct	240
ggcctagcag	ttggtgggtg	caggtgcctg	tagtcccagc	tacttgggag	gctgaggcag	300

<210> 566

<211> 300

<212> DNA

<213> Homo sapiens

<400> 566

atthttgcttc	ccttgctcta	gagagagtat	caaggcccag	ggggccaccg	gagaggtgta	60
ttgcccacgc	ggagagaaat	gccccctagt	cgggtcgaat	gtaccttggg	ccttcatgca	120

gggcgaaatc	gcgactatct	tagctgggga	tgttaaagt	aaaaaggaga	gagacccttg	180
aaccactggg	cagccacctc	ctttgcccta	gaccagctcc	tctccaatcc	tgagggcccc	240
tcccccaacc	caactcgacc	ctccctcccc	tcacccccaa	ggtgtagaat	tgtgaatata	300

<210> 567

<211> 300

<212> DNA

<213> Homo sapiens

<400> 567

tcaagtgtca	gaattaactg	ttcaaaatgt	tctgaatcat	gtagatacat	ggcaggtaac	60
tgtttatggg	agaaaagtac	agtgctgtta	cgtggcactg	tacagtcatt	tgccacgtaa	120
cagcgtctgg	gtcagtgacg	gacacttacc	tgacagcgga	tccacaatat	tctcgtgcag	180
tgtgtttgga	atcctggtct	gggctctcgt	cgttggcctt	gtagatcaag	taggggaagt	240
gagtgatgtt	cagtcattgt	gctgggacac	ttggttttcc	agatgaaaac	acataaataa	300

<210> 568

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 568

gctcttgttc	tttntgcagg	atccttcgat	tcgtttaagg	aaaaccagca	aataacaaga	60
aaaccattta	atgtaaagat	ttgtaaataa	tcacttcaaa	agaagtgcct	tgttgctgtc	120
acatttagtc	catcttcata	taattcttat	ctgggccagt	ttcttgggca	tgggacatgt	180
gcagttacac	aagcctgtgc	tcttaagagg	gtcttaccce	tagtttaatt	ttctgctgtt	240
gtagtcttga	aattcttaat	gatttaacaa	ggggctctcc	attttcattt	tgactgggac	300

<210> 569

<211> 300

<212> DNA

<213> Homo sapiens

<400> 569

aagcagcttg	gggctcactc	cccctccacc	ttgctgacca	ccctcatggt	ctttaataacc	60
aagtacttcc	tattgaagac	agtggaccag	cacatgaagc	tggccttctc	caaggctctg	120
cgacagacaa	agaagaaccc	ctctaattcc	aaggataaaa	gcacagagat	ccggtacttg	180
aaggcccttg	gaatacacca	gactggccag	aaagttacag	atgacatgta	tgcagaacag	240
acggaaaatc	cagagaatcc	attgagatgt	cccatcaagc	tctatgattt	ctacctcttc	300

<210> 570

<211> 300

<212> DNA

<213> Homo sapiens

<400> 570

cccaggatga	actggttgca	gtggctgctg	ctgctgcggg	ggcgctgaga	ggacacgagc	60
tctatgcctt	tccggctgct	catcccgtct	ggcctcctgt	gtgcgctgct	gcctcagcac	120
catggtgcgc	caggtcccga	cggctccgcg	ccagatcccc	cccactacag	ggagcgagtc	180
aaggccatgt	tctaccacgc	ctacgacagc	tacctggaga	atgcctttcc	cttcgatgag	240
ctgcgacctc	tcacctgtga	cgggcacgac	acctggggca	gtttttctct	gactctaatt	300

<210> 571
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 571
 gttgcttttca aaagacacat atcaccatag tacatgtaat aacacacata ggctcaaagt 60
 aaaggggtgg cgaaagatct gttatgcaga tggaaaaaaa gatcaggggt cactattctt 120
 gtatcagata aaacagactt tttaaatcaa caacagtaga aaaaggacta gggcattaca 180
 taatgaagaa gggttcaatt caacaagatt tatcctatac acaccaaga ttggagcact 240
 cagatttcta aaactattat ttctagacct aggaaaagaa ttaaacggcc acataataat 300

<210> 572
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 572
 gaaagaccga gatagagaga gagacagaga cagagagcga gaccgtgatc gggacagaga 60
 aagagaacgc accagagaga gagagagggg gcgtgatcac agtcctacac caagtgtttt 120
 caacagcgat gaagaacgat acagatacag ggaatatgca gaaagaggtt atgagcgtca 180
 cagagcaagt cgagaaaaag aagaacgaca tagagaaaga cgacacaggg agaaagagga 240
 aaccagacat aagtcttctc gaagtaatag tagacgtcgc catgaaagtg aagaaggaga 300

<210> 573
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (300)
 <223> n = A,T,C or G

<400> 573
 ggctgcgagg ttttcggctt tggctcctga tatgcagcga cagaattttc ggcccccaac 60
 tcctccttac cctgggtcgg gtggaggagg ttggggtagc ggaagcagct tccggggaac 120
 cccgggaggg ggcggaccac tgccgacctc tnnnnnnnnn nggnacggna ntacnaataa 180
 cncnccaccg tacgcgccct nactnnnggc ntaccgtnc aggtgctnnn naagntncac 240
 caggccctaa ccgggggttct ggcnaganc aatggccctg aangacgccg ncnagcaccg 300

<210> 574
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 574
 agattatgag catgtagaag atgaaacttt tcctcctttc ccacctccag cctctccaga 60
 gagacaagat ggtgaaggaa ctgagcctga tgaagagtca ggaaatggag cacctgttcc 120
 tgtacctcca aagagaacag ttaaaagaaa tatacccaag ctggatgctc agagattaat 180
 ttcatagaga ggacttccag ccttaaggca tgtatttgat aaggcaaaat tcaaaggtaa 240
 aggtcatgag gctgaagact tgaagatgct aatcagacac atggagcact gggcacatag 300

<210> 575
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 575

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gtccgaagaa aaagactgtg gtggcggaga tgctctctcc aatggcatca agaaacacag      60
aacaagtttg ccttctccta tgttttccag aaatgacttc agtatctgga gcatcctcag      120
aaaatgtatt ggaatggaac tatccaagat cagcatgccca gttatatatta atgagcctct      180
gagcttccta cagcgcctaa ctgaatacat ggagcatact tacctcatcc acaaggccag      240
ttcactctct gatcctgtgg aaaggatgca gtgtgtagct gcgtttgctg tatctgctgt      300
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<210> 576

<211> 300

<212> DNA

<213> Homo sapiens

<400> 576

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aagagaagct gagacttctg cttccacacc ccttgcaagt gctttcttga aggcctgggt      60
gtatcggccca ggagaggaca cggaggagga ggaagatgag gatgtggata gtgaggataa      120
ggaagatgat tcagaagcag ccttggggaga agctgagtca gaccacatc cctcccaccc      180
ggaccagagg gcccaacttca ggggctgggg atatcgacct ggaaaagaga cagaggaaga      240
ggaagctgct gaggactggg gagaagctga gccctgcccc ttccgagtgg ccatctatgt      300
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<210> 577

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 577

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actcgagacg ctgaggcagg agaatcgctt gaaccgaggga ggcgagggtt gtagtgagct      60
gagatcgtgc cactgcaccc cagcttgggc aacagagcaa aactctgtct ttaaaaaaaa      120
annnnnnnnn nnnnnaacaa acaancaaaa aaaaccttat atggnctggg ctgggcgtgg      180
ngccttatgc ccacaatccc agcnttttgg naggccagga tgggaggatn acttganccc      240
anaantttga naccagcctg ggctacanag tanggccccn tntntacaaa aaaaccttaa      300
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<210> 578

<211> 300

<212> DNA

<213> Homo sapiens

<400> 578

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ggtagactgg ctagggatcc tggaccagg gttccacgta gcaacacctg ctgagttctc      60
tgggttttct tctgcctca tgtagcccag acttggaact gaagaagctg gaaacatgga      120
aacaccaaca gctacagacc aaaaaaagtc ccaacaaagg cctgtcagtc tgccagcctg      180
ttctgtggat ttccaactca agattgcagc atcaactcac acctgaagtt ctggcttccc      240
tacaaacttt gaacttgcca gtccccacaa tggcataagc caattcctta aaatgaatgt      300
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<210> 579

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 579
 ggcagaccat ccacatcagt ttcagagaaa aacaataatc ttgtttgtgc cgtgatgaag 60
 aggactgaca gctagcagca gaaacaatag tcacggaggt tgagaacagg ctgggtaaca 120
 tgggtgaaatg ccatctctat taagaatata aaaattagct aggtatggtc gcagacacct 180
 gtaatcccag ctcccttgga ggctgagggtg nnnnnnnnnn ttgaaccenn gagnggnag 240
 ctgctgtnnn cngactegn natatnactg cacctggng actgcagtga anctttatct 300

<210> 580
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 580
 atacactgca tttgctggtg ctgtttttat atagtgaagc aacagctgta cagcaaaata 60
 ataaaatact cacttcttcg ttaaaaaaaa aaaaatttac ttcttacaat tctggaggcc 120
 aggaagacca tgatcagggtg ccagcatctg ggaagggcct tcttgctgtc ctcccatggc 180
 agaagatgga agggcaaggg agagctaaca tgctcccgca aacccttttt ataatggcat 240
 caatcaaata tgaggccaga gtccttggtga cctaatactc tcccaaaagg ctccgcctcc 300

<210> 581
 <211> 283
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(283)
 <223> n = A,T,C or G

<400> 581
 gtcctaaagc cgctgaagca aaaaccatga taaaacattc tgctttcttt tcttttacaa 60
 cccacgaac gcaaaaaaaaa aaaaaaccaa aaccaaacca aaaaaaaaaa nnnnnnnnnn 120
 nnnnnnnnt nttngnngna aaaanggggt ttgnncnngg nannaaccan tnnnaantna 180
 aanntncaa anaggggtna nctttntnc tnanctttt aaaangttna tnnnaatnnc 240
 cngnnaaanc cancnnggt nngcctnna aaggtnacct aaa 283

<210> 582
 <211> 283
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(283)
 <223> n = A,T,C or G

<400> 582
 cccaacnata gccttttcna nnnttaaagg tttttgnant nctgggcent ncngacgtna 60
 nncctnancn nttttttaag cnggtttgcc nngggnnncg gtggnnntn nggggtntt 120
 ggtnnctggg ggcnananc actncctnc cccgggcat ncntnnnnnn nnntgtagga 180
 aagttcttca cttttttctc tgagggctgg gggttgggg agtcagcatg attatatttt 240
 aatgtagaaa atgtgacatc tggatataaa atgaaaataa atg 283

<210> 583
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 583
 gtctgtcttta atttgtctca tcagtgcctc catgtgtttt tgatgccttt gaactggtat 60
 ttttaaaatt tcaatttcta attgttcatt atagaaacac aattgggttt tatatatattgg 120
 cattgtatatt tgcaactttc ctaaaactcac tagtaattct agtagctttt tttggtagat 180
 tcttaaggat tttctgtgta aatagtcatt tcatttgtga ataaagccat ttttttttcc 240
 ttttcaaatt ttgtgccttt tatttcttat tcttaccata tcacattggc aaagacctcc 300

<210> 584
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 584
 aaaatggaga agccaaaatt acagaggcac cagcttctga aaaagaaatt gtggaagtaa 60
 aagaagaaaa tattgaagat gccacagaaa agggaggaga aaagaaagaa gcagtggcag 120
 cagaagtaaa aaatgaagaa gaagatcaga aagaagatga agaagatcaa aacgaagaga 180
 aaggggaagc tggaaaagaa gacaaagatg aaaaagggga agaagatgga aaagaggata 240
 aaaatggaaa tgagaaagga gaagatgcaa aagagaaaga agatgaaaaa aaggtaagac 300

<210> 585
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 585
 gtccagaaat actctgatac tagctatggc cagcaacatt taatgaaaac ccttatgtta 60
 aaaataaacc cctgcctcct ggcttcaagc gattctcctg cctcagcctc ctgagtagct 120
 gggagtatag gcacgtacca ccacaccag ctaatttttt gtattttttac tagagatggg 180
 tttcacagtg ttagccagga tggtttcgat ctctgacct catgatccga ccgcctaggc 240
 ctcccagagt gctgagatta caggcgtgag tcactgtgcc cggcctcnnn atgttaggaa 300

<210> 586
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 586
 caagggcctc tggatggaat gtgccacaca cagcacaggc atcaccagc gtgacatcta 60
 tagcacctt ctgggcctgc ccgtgacat ccaggctgcc caggccatga tggtagacatc 120
 cagtgcattc tcctccctgg cctacttctc aagcttccct ccaaagaaac tgattggccc 180
 tggaacctcc atcccactct tgttatgact ccacagtgtc cagactaatt tgtgcatgaa 240
 ctgaaataaa accatcctac ggtatccagg gaacagaaag caggatgcag gatggaggac 300

<210> 587
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 587

ggactaactt	acagaggagc	tgtgtatcct	gaagattcag	cgactggcaa	ggaatttcct	60
tgggagcaat	gtgtgaggga	ggccatctga	ggagatctgt	ggctttcttt	tgttgtggga	120
atctggctta	tggatgaatc	tacgacacag	gatttgtgaa	ttacagctct	ttgggaacaa	180
aagggaaggca	gtattgcatg	acttagtttc	ccagcttcac	tttccctttg	gcatgggtgag	240
tttggggctt	tgagagtcta	ttttctttca	cacccatcag	cactgttaag	taagcaggaa	300

<210> 588

<211> 300

<212> DNA

<213> Homo sapiens

<400> 588

aaaaacctgg	gtatgtatct	agaagtggaa	aaacaaaaaa	aggaaataag	ttatgaaaat	60
aaaaaccatg	tcttgagctg	ggtgcgctgg	tgtgtgccta	tatccctaga	ttctcaagag	120
gttgagacag	gaggatcact	tgagcccagg	agttcaagtc	caacttgggc	aacatgacaa	180
gacccttgct	tctttaaaaa	agcaactcaa	accatgtctt	gaaaagctat	ttaatggtea	240
gacacgatgg	ctcacgcctg	taatcccage	actttgggag	gccgaggcag	gcggatcact	300

<210> 589

<211> 300

<212> DNA

<213> Homo sapiens

<400> 589

cctcctactc	ccaaacaaat	ctttggggaa	aaaaaaacta	ccaactgtca	gccatgggccc	60
tgacggcgct	aagctctggg	gctccgtgca	ctgacgtggg	gccagccaca	gggaggcggg	120
gatcaagtag	cggaggccag	gattttggcc	acctcccggg	caagttgcag	ggcagtggcg	180
ccgggagcaa	aagcagcatg	atgcagctca	tgacactgga	gtccttttat	gaaaaaacct	240
cctcctgggc	ttatcaagga	agatgacact	aagccagaag	actgcatacc	agatgtacca	300

<210> 590

<211> 300

<212> DNA

<213> Homo sapiens

<400> 590

ggggcgagg	cgggagaggc	gagctcgca	tgagtgtct	cggcaggctc	ttcgggaagg	60
ggaagaagga	gaaaggcca	accttgaag	aagcaataca	gaaactgaag	gagacagaga	120
agatactgat	caagaaacag	gaatttttgg	agcagaagat	tcaacaggag	ctacaaacag	180
ccaagaagta	tgggaccaag	aataagagag	ctgccctaca	ggctttgcgg	aggaagaaaa	240
gattcgaaca	gcagctggca	caaactgacg	ggacattatc	cacctgggag	tttcagcgtg	300

<210> 591

<211> 300

<212> DNA

<213> Homo sapiens

<400> 591

gagaagctga	cgggcatgtg	gtggaaacag	ctggtgcccg	gcgcagtggc	aggtgccgtg	60
tcacggacag	gcacggcccc	tctggaccgc	ctcaaggtct	tcatgcaggt	ccatgcctca	120
aagaccaacc	ggctgaacat	ccttgggggg	cttcgaagca	tggtccttga	gggaggcatc	180
cgtccctgt	ggcgcgga	tggtattaat	gtactcaaga	ttgccccga	gtcagctatc	240
aagttcatgg	cctatgaaca	gatcaagagg	gccatcctgg	ggcagcagga	gacactgcat	300

<210> 592
 <211> 275
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(275)
 <223> n = A,T,C or G

<400> 592
 gaaatgtgta tttcagtgac aatttcgtgg tcttttttaga ggnnnnnnnnn nnnatatacct 60
 tggtcttnta ggcnatatgc tcanagtgcg acagcggnac cntgcectca natncttacn 120
 naagctttga ntaggnccat nnnnngctac ntccctgaan tectnccnnc cctcactggc 180
 tgccctnaca ngccanctga cgantgncct taaaggcatt aacncgcntc nnttggtgng 240
 tcctcnggct tanggagnna agaggtggct cttga 275

<210> 593
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 593
 tgacattgtc agtgtgaaat ttaacagact ttggttttag gagttagggt taggttcag 60
 acctaaagtt gcagttgaca tgtccttggt ttataggagg atatacatcc tgaaagtttt 120
 agggactggc aaagaattta ctgctgagca atttggtgatt gcagtcacct ggagattcat 180
 gaggtctttt gcctttttgt ggggatctgg ttaatgcata atattttgac acaagggtgc 240
 aaggtaacag gtatccattt gggaaaagaa tgacagtttt ggagaacatt agttctgcag 300

<210> 594
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 594
 acctaagact gctttgaaac ataaagtaat aatnaaanaa atgggctggg tgtggtggnt 60
 tatgcttata atcctagcnc tttgggaggc tgaggcggga ggatcntttg agctcaggag 120
 ttttagaccn gtttgggagg tcccagttat caggaggctg aggtgagagg gattacttgt 180
 gccagaggag tcaaggctgc agtgagctgt gattgtgcca ctgtactcca gccctggcaa 240
 cagagagaga accctgtctc aaaagaaagg gggggggagg aacggaggaa gggaaggagg 300

<210> 595
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 595
 attatggtgg aaggggaagc aaatgcccta cttcacatgg tggcaggaag gagaagaatg 60
 agaaccaaag gagggagaag ccccttataa aaccatcaga tcttgtaga acttactatc 120
 atgagaatag catgggggaa actgccctgt gattcaatta cttcccacta ggctactccc 180
 accatacatg gagattatag gaactacaat ttaggatgag atttgggtgg gaacacagcc 240

aaaccatatac aagtattaac agcagaatta accaagctga ggaaagactc tcagagctca 300

<210> 596
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 596
 gcataacgaa cctaaccctc agagggtttac caagattcaa aacacgaagc tgaccatgaa 60
 gcggggacggc attgggtcag tgcggtacca ggtcttggag gtgtctcggc aaccactctt 120
 caccaatatac acagtggaca ttgggcggcc tccgtcgtgg cccctcggg gctgacacta 180
 atggacagag gctctcgggtg ccgaagattg cctgccagag gactgaccac agcctggctg 240
 gcagctgctc tgtggaggac ctccaggact gagactgggc tctgttttcc aagggtcttc 300

<210> 597
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 597
 agacaaccca gaaacaaatt catacatcta tgggtgaccac ttttgacaaa ggaatgaaga 60
 acatacactg gggaaaagat aatgtcttta ataaatggtg ctgggaaaac tggatatcca 120
 tatgcagaag aatgaaacta gacccccatc tcttagcata tacaaaaatc aaaattaatt 180
 aaaaagttaa atctaagacc tcaaactatg aaacagctaa aagaaaacat cggggaatct 240
 ctccaggaca ttggagtggg caaagatttc ttgtgtaata cctgacaaac aggcaaccaa 300

<210> 598
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 598
 ggtatttggtt cttgaaccac acccggttoga tcctagagtt ctcttttctg ctgggtcatga 60
 tggaaacgtg atagtgtggg atctggcaag aggagtcaaa atacgatctt atttcaatat 120
 gattgaaggc caaggacatg gcgcagtatt tgactgcaaa tgctctcctg atgggtcagca 180
 ttttgcattg acagactctc atggacatct ttttaattttt ggctttgggt ccagtagcaa 240
 atatgacaag atagcagatc agatgttctt tcatagtgat tatcggccac ttattcgtga 300

<210> 599
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 599
 agaaagatca ctgctgttta cagcgccttg tgcagcctta gattttaata ttcttttgtc 60
 attgttacat ctcatagagt aaagctctta ttaccttgat cctgagtcag aaatcccacc 120
 tgaaatcacc ttttttcccc cttgatcaaa catcccatcc ttcagctacc atactgttgc 180
 tacagggatt ttgtggactg tggccctgtg cccgaggttg gcaccttcag ttcagcacag 240
 cctgagcagt gagaaggtct gaaaggagag tatatagtta agatccttga gaaagggtg 300

<210> 600
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 600

tttggattga	ttcaggagaa	atttgactg	atggctcaga	aggcttacgt	catggagagt	60
atgacctacc	tcacagcagg	gatgctggac	caacctggct	ttcccgaactg	ctccatcgag	120
gcagccatgg	tgaagggtgtt	cagctccgag	gccgcctggc	agtgtgtgag	tgaggcgctg	180
cagatcctcg	ggggcttggg	ctacacaagg	gactatccgt	acgagcgcat	actgcgtgac	240
acccgcatcc	tcctcatctt	cgagggaacc	aatgagattc	tccggatgta	catcgccctg	300

<210> 601

<211> 300

<212> DNA

<213> Homo sapiens

<400> 601

ggatattcat	taccctgaga	atgaaatgac	ctgcaattcg	aaaatcagct	gtatcagttg	60
gagtagttac	cataagaacc	tgtagctag	cagtgattat	gaaggcactg	ttattttatg	120
ggatggattc	acaggacaga	ggtcaaagg	ctatcaggag	catgagaaga	ggtgttgagg	180
tgtagctttt	aatttgatgg	atcctaaact	cttggcttca	ggttctgatg	atgcaaaaagt	240
gaagctgtgg	tctaccaatc	tagacaactc	agtggcaagc	attgaggcaa	aggctaattg	300

<210> 602

<211> 300

<212> DNA

<213> Homo sapiens

<400> 602

gccttttgtg	gggtctcata	cataactcag	tttccacaaa	gctgtgcccc	agctcagccc	60
tatggataga	agcatggtct	ggggttcctt	tgctgaccag	ggtgtgtgct	ttgtccaagt	120
tactgacctt	cccaaaccct	atcaatgcac	ataaaaagag	cacttgcaaa	caatgaatct	180
agacatggac	cttcacaaag	aaataactca	aaatggatcc	caggcctaaa	tgaaaaaatga	240
aaaactataa	aactcctaga	agataacata	aaagaagatc	tagatgacct	aggggttggc	300

<210> 603

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 603

ttaatatggg	aacnccngtt	tctaactgtc	atncccccn	ccccaacacc	cccaanncag	60
cagttttntt	cacccgctgc	agccgttccg	tnccaaacan	agggccncnc	ananncccn	120
cgntntatat	aaggaggaaa	acgggaaaga	atataaagtt	aaaaaaaagc	ctccggnttc	180
cnctactgng	tanactcctg	ntttttcaag	cnctgcaga	ttttgatttt	tttgntgntg	240
ttgtntnccn	cnnttgctgn	tgntgcaggg	gtactattgt	ttaaaaacag	gaaaaaaaat	300

<210> 604

<211> 300

<212> DNA

<213> Homo sapiens

<400> 604

cttactttga	tcctcgtgag	gcatacccag	atggaagtag	caaagaaaag	agaagagcag	60
cagttgccca	ggccttagct	ggcgaagtca	gtgtgggtgcc	tccatctcgt	ctcatggcat	120
tgctgggaca	ggcactgaag	tggcagcagc	atcagggatt	gcttcctcct	ggtatgacca	180

tagatttgtt tgcaggcaag gcagctgtca aagatgtgga agaagaaaag tttcctacac 240
aactgagcag gcatattaag tttggtcaga aatcacatgt ggagtgtgct cgattttctc 300

<210> 605
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

<400> 605
gaacattcgg actcgagata atcgctgcct tggggagtgg gacttgcttg aggctgtgca 60
gctgactggg ggagctaccg aacacgaggg tcccatatgc ccgaagaaaa tttctggccc 120
tttgtacata catgacgcca accactgcga gtgccatcag ctctctcttg ttgnnnnnnn 180
cccccggnat gntgacgntg nngannnctt anaccntttt nnnnctnnga aaggaggntt 240
gattgcngnt nccctgagat ntggcttccc aagagcactt attgaccctt cctcaggcct 300

<210> 606
<211> 298
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(298)
<223> n = A,T,C or G

<400> 606
cccccggant aaggntgnnn tatnntnncc anaaaaaann gggncnatna tgngntcgng 60
aaggntnngg aacaacaagg actgcntnat tggagngngn cncaggnttg aanccaaagn 120
taaangagtg aatnaggtgn tnntggggaa tgaccngctc atggagatnt gagttctgag 180
caagtcagac tccttccttt tggcctccaa agccacagat gttgcccggc ccacctgttt 240
aactctgtat ttatttccca ataaagaagg gcttccaaag gcatgctgga gacttgtg 298

<210> 607
<211> 300
<212> DNA
<213> Homo sapiens

<400> 607
atggtgtttt cacctggaag ctgagaagaa aggggcttta atggaacaaa tagcacatca 60
agctgttgta atgcagttta ttatggaaat ggccaaaaac tgtaatgtgg atccaagagg 120
gtgttttcgt ttatttttcc agaaagccaa agcagaggaa gaaggttatt ttgaagcatt 180
caaaaatgaa cttgaagctt tcaagtcaag agtaagactt tattctcaat cacaaagttt 240
tcaacctatg acagttcaga atcatgttcc ccattctggg gttggatcta taggtttatt 300

<210> 608
<211> 296
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

<222> (1) ... (296)

<223> n = A,T,C or G

<400> 608

atccagggtgt	ttctgatgca	cagtgaaatt	ggggtaccac	tggtattagg	ttgggtatgg	60
caactttttc	atcacttggt	ttatgtagtt	gtctgatcaa	ttgtgaaaac	ataatgaatg	120
ttggaaatgg	aacagtaaaa	taacgaaagc	caactttttt	tttttttttt	ttnnnnnnnn	180
nnnnnnnnnt	tnnccccng	ncngnanngc	aggggcccaa	nntnggntnn	ntgnanccnc	240
cncnccggg	ntnnnccct	ttntcnngcc	taaccnccc	nagnacnngg	aactac	296

<210> 609

<211> 300

<212> DNA

<213> Homo sapiens

<400> 609

cgacaatcag	tgattttgct	gtattttctca	caatagtaat	aatgggttaca	attgactacc	60
ttgtaggagt	tccatctcct	aaacttcatg	ttcctgaaaa	atttgagcct	actcatccag	120
agagaggggtg	gatcataagc	ccactgggag	ataatccttg	gtggacctta	ttaatagctg	180
ctattcctgc	tttgctttgt	accattctca	tctttatgga	tcaacaaatc	acagctgtaa	240
ttataaacag	aaaggaacac	aaattgaaga	aaggagctgg	ctatcacctt	gatttgctca	300

<210> 610

<211> 300

<212> DNA

<213> Homo sapiens

<400> 610

agaataacta	ccagacaaca	tttggttaaaa	ctcaggacag	tatgtatttt	aaataagcaa	60
gtgcatgtgt	gaaaatggct	cattcagttt	ataaaatatt	acattaaatt	tgaggtttct	120
gttttttttc	ttttgtgaca	gtcttgctct	gttccccatg	ctgtattgca	gtggctccag	180
ttcacctcac	tgtaacttcc	acatcctggg	ttcaagcaat	ttgtgcctca	gcctcccaag	240
tagctgggat	tacagtcctg	ccaccatgtc	cagataattt	ttatattttt	ttgtatagat	300

<210> 611

<211> 300

<212> DNA

<213> Homo sapiens

<400> 611

agatgggtta	aaacttaaat	gtcacatctg	aaacagtaaa	aatcctagaa	gaaatcctag	60
gaaaaactct	tctggacatt	ggcctaggca	agaattttat	gatgaagacc	tcaaaagcaa	120
acataacaaa	acaaaaata	gacaaatgag	atttaattag	aaaaacttct	gcacagtaaa	180
agtaataatc	aacagttaat	agacaacctc	tagaatggga	gaaaatatat	gtaaattata	240
catctgacaa	agaactaata	tccagaatct	acaaagaact	caacaagaaa	aaaaccaacc	300

<210> 612

<211> 300

<212> DNA

<213> Homo sapiens

<400> 612

tcctggctgt	taggatttgt	tcgtgttttg	gagaccttta	gagcgtgggt	aaacccatat	60
gttgggattt	atgctgcttt	tatggtagca	ataccctata	ttaagatttg	aagtagaccc	120
ggaaagttag	tggccgggta	gtcagttgg	ttagagcgtg	gtgctaataa	cgccaagggtc	180
gcggggttoga	accccgtagc	ggccagtggt	tggctttttt	ttgtgtgtgt	tttgttttct	240

gaccctctgc tgttatccgg aagtttctac ccggagccag ttgccttctg gtaacagaat 300

<210> 613
<211> 300
<212> DNA
<213> Homo sapiens

<400> 613
aaaacataat ttctgtttca tggagatgaa tacaaggctg caagtggaac atcctgttac 60
tgagatgata acaggaactg acttggtgga gtggcagctt agaattgcag caggagagaa 120
gattcctttg agccaggaag aaataactct gcagggccat gccttcgaag ctagaatata 180
tgcagaagat cctagcaata acttcatgcc tgtggcaggg ccattagtgc acctctctac 240
tcctcgagca gacccttcca ccaggattga aactggagta cggcaaggag acgaagtctc 300

<210> 614
<211> 300
<212> DNA
<213> Homo sapiens

<400> 614
agacagtcaa gctgcattgc aacactgcat gtctgactaa cagcatatat tgtcctgaag 60
aagcatctgt aggggaatcca gaaggagcgt tcatgaagat gttacaagcc cggaagcagc 120
acatgagcac tcagctgact attgagtcgg aggcgccttc agacagcagt ggcatacaact 180
tgtcaggctt tgggggtgat cagcttgaaa ttcagctaac cgagcagcta cggctccctca 240
tccccaacga ggatgtgaga aagttcatgt ctcattgttat ccggaccttg aaaatggaat 300

<210> 615
<211> 300
<212> DNA
<213> Homo sapiens

<400> 615
tgggacatgc tcatgatggc tgtcatgcac actgcgaaaa gttgttggtt tactggagca 60
gggcaaggaa cacctggccc cgcccgagc aaaaaactgc tcaaaccaca aacgatagca 120
ggaaaggcct gtgccttggc agcatgtttt tgcctgcagat aatcagccag agcctgtttc 180
tctgctcttc gctgagattg ctttgtttcc cataaagatt gcttttagct aatctacaat 240
ctatagaagc aatgcttatc actggccttc tgtcaataaa tgtgtgggtc aagctctggt 300

<210> 616
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (300)
<223> n = A,T,C or G

<400> 616
gctacctggg cggcgacggg ctggacgtgg acgtgcccac gcgtctggag ggctgggtct 60
tctgcacgcc cgcccgcaag ctgctctggc tgggtctgca gcccttcttc tactcactac 120
ggccgctctg cgtccacccc aaggccgtga ccgcgatgga ggtgctcaac acgctgggtg 180
agctggcggc cgacctggcc atctttgccc tttgggggct caagcccggtg gtctacctgc 240
tggccagctc ctctctgggc ctgggcctgc accccaatng gggccacttc gtggccgagc 300

<210> 617

<211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 617
 ngnnattgag cccnttgaat cnagctactt gttctttttg caggatccca tcgagtccat 60
 ctcatatgag tgagaaagct taccagtgcg gcgaatgtgg gaaagccttc cgagggcact 120
 cggacgtttt ctaggcatca gagtcaccac agcagtgcga ggccttatat gtgtaatgaa 180
 tgtggaaaag ccttcagcca gaactcgagc cttaaaaagc accaaaagtc tcacatgagt 240
 gagaagccct atgaatgcaa tgaatgtggg aaggctttta ggcggagctc aaacctcatc 300

<210> 618
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 618
 ccccaacctg cactctaccc acccccatca cctactccag ctcccaactt ttgtggactg 60
 agcggccgca gaggactggg cgccttggat tccctctgcc tccgaggacc ccaaaagaca 120
 cccccaacct caggccagcc ggcctgtctc tggcgcgtcc aaaatactac ctagcacagg 180
 cctctgtctg aggcaccccc aaactaccta tgtatccagc ccagaggggc ctccattccc 240
 aggaagtccc tatgtatccc aacactggca gacaccagc accaccctcc cagaccgcga 300

<210> 619
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 619
 aattccggtg ctgtcgaatt gttcctgtcc tgccccaact gatcaatcga ccttgtgaca 60
 ttcttctttt ggacaatgaa tcttatgatc tccccaccat ggaccctgtg accccctcct 120
 ctgctgacaa tagataacca cctctaactg taacattcca ctgcctacct cagtcctata 180
 aagctgcccc tctcctatct accttcgctg actctctttt cgtactcagc ccacttgcac 240
 ccaagtgaat aaacagccct gttgctcaca aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 300

<210> 620
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 620
 agaatacaag ctacttggtc tttttgcagg atcccatcga ttcgaattcc gttgctgtcg 60
 aattgttccg gtccctgccc aactgatcaa tcgaccttgt gacattcttc ttctggacaa 120
 tgaatcttat gatctcccca ccatggaccc tgtgaccccc tctctgtctg acaatagata 180
 accacctcta actgtaacat tccactgcct acctcagtc tataaagctg cccctctcct 240
 atctaccttc gctgactctc ttttcgtact cagcccactt gcacccaagg aataaacagc 300

<210> 621
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 621

actatagaat	acaagctact	tgttcttttt	gcaggatccc	atcgattcga	attccgttgc	60
tgtcgaattg	ttctgtcct	gccccaaactg	atcaatcgac	cttgtgacat	tcttcttctg	120
gacaatgaat	cttatgatct	ccccaccatg	gaccctgtga	ccccctctc	tgctgacaat	180
agataaccac	ctctaactgt	aacattccac	tgcctacctc	agtcctataa	agctgcccct	240
ctcctatcta	ccttcgctga	ctctcttttc	gtactcagcc	cacttgcacc	caagtgaata	300

<210> 622

<211> 300

<212> DNA

<213> Homo sapiens

<400> 622

gtgggagggg	gtagggggag	gaagtctgtg	gtgagcaaag	tttgccttat	tacactgata	60
aagtgttaatt	acactaataa	agctggatca	cctgagggtta	ggagtttgag	agcagcctgg	120
ccaacatggc	aaaaccctgt	ctctactata	aatacaaaaa	ttagccaggt	gtggtggcag	180
ggcacttgtg	atcctatcta	ctcgggaggc	tgaggcagga	gaatcgcttg	aaccagget	240
gtaaaaggtg	cagtgaacca	agatcatgcc	actgcactcc	agtctgggtg	tcagaatgag	300

<210> 623

<211> 300

<212> DNA

<213> Homo sapiens

<400> 623

caatctcaaa	gctggctgag	aaaccacagt	ataaatcagt	tactggacaa	acttgaaatc	60
atggtggaag	aaacagacag	tgtagctca	tgatttgatt	tggttctacc	tttggccttg	120
agttcttatt	atttacatta	taaatattaa	ctggttttat	attgttaaga	caaaacactg	180
gtaaaagttt	caacacctcc	cttttgcttg	tataccataa	atgggcagtt	tctgaaattt	240
tggataaagc	atcaagaact	cctttttctg	aaacgttcct	ccttttttag	tgccataatta	300

<210> 624

<211> 261

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (261)

<223> n = A,T,C or G

<400> 624

gtgaaagagt	tcatgacctc	cttgccgcgg	gcctgggtgct	ctgcgatcaa	gggctgcaga	60
acctgtatga	gtgccttctt	gagctcaccc	gtgagcatgg	ctccgctggg	gtaatccttc	120
ctgatctgct	cgagcttgtn	nnnnacctgg	aggnntangg	tatnnnncat	nnttnanang	180
cncgnatnat	nctgnancta	cncngtctgn	nacggtattn	angncnantn	ctatnatgna	240
annnnnnntn	ngngnctntn	c				261

<210> 625

<211> 298

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (298)

<223> n = A,T,C or G

<400> 625

tttttttgag	acggagtcctt	gttctgttgc	caggctggag	tgcggtggtg	caatctcagc	60
tcactgcaat	ctccacctcc	tgggttcaag	aggttctcct	gcctcagcct	cctgagtagc	120
cggggagcta	caagcatgca	ccaccacacc	cagctaattt	tttttttttt	nnnnnnnnnn	180
nnnnntgtc	ncccgagctt	gagtcgaggg	gcncnatctn	ggntnantgn	aanntntgtc	240
tccnggggtn	atgccnttct	cctgnttnan	cntcccnant	antcccagga	ntagctgg	298

<210> 626

<211> 300

<212> DNA

<213> Homo sapiens

<400> 626

ggtaaggatt	tggggcacag	taccaggagg	ggggcttggt	gccagacctc	atgaggaaga	60
aggattttcc	tatgtacaga	gaaggggacc	ctgtcctggt	gggaggtgct	gtgcaaacct	120
aaccaagtta	ctaaccctc	tgttttctgt	gctacacaaa	ggggataaat	acaagcttcc	180
ctctctagcc	aattctattt	ggttcctgag	tttgaaagt	gatagatact	gattttctat	240
gattttatga	ggacttaaat	aagctcctat	ggaaagtgtt	ttgtgcagtg	ccgtgcccat	300

<210> 627

<211> 300

<212> DNA

<213> Homo sapiens

<400> 627

gcgacatctg	tcacccatt	gatcgccagg	gttgattcgg	ctgatctggc	tggctaggcg	60
ggtgtcccct	tcctccctca	ccgctccatg	tgcgtccctc	ccgaagctgc	gcgctcggtc	120
gaagaggacg	accatccccg	atagaggagg	accggtcttc	ggtcaagggt	atacgagcgc	180
cgtaattgac	acatctctta	tttgagaagt	gtctgttgcc	ctcattaggt	ttaattacaa	240
aatttgatca	cgatcatatt	gtagtctctc	aaagtgtctc	agaaattgtc	agtgggtttac	300

<210> 628

<211> 300

<212> DNA

<213> Homo sapiens

<400> 628

ggatgaccca	tgccaaaaat	actatgagct	cttactagtc	aaccctatth	ggttggtccc	60
accaacaaag	gcacttgcag	ttacattcac	cacatttgta	acggagccat	tgaagcatat	120
tggaaaagga	actggggaat	ttattaaagc	actcatgaag	gaaattccag	cgctgcttca	180
tcttccagtg	ctgataatta	tggcattagc	catcctgagt	ttctgctatg	gtgctggaaa	240
atcagttcat	gtgctgagac	atataggcgg	tcctgagagc	gaacctcccc	aggcacttcg	300

<210> 629

<211> 295

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (295)

<223> n = A,T,C or G

<400> 629

ggtggtntna	gtggnanaag	gategcagtg	gagacnngtg	cnaatagggn	gatcctggta	60
aggtgctnat	gtcatgctgc	aatgtccanc	agcagnaggn	ntttgatgtn	angngcngga	120
gnngagtggg	ccaggggtgc	tgtgtnatna	nttgattcag	nggcttatgg	catcactgcc	180
ttctgttncc	gggggagcat	ggatctagat	gtcctcgctt	ctgaaaacca	agtgtcagag	240
ccccctcccc	ttgtttttat	tttactgtta	taataattat	taacttcctt	gtaat	295

<210> 630

<211> 300

<212> DNA

<213> Homo sapiens

<400> 630

tggtctgctc	accagagggtt	cttcaaatac	ttatgcatag	catccaaagt	taaaagggtt	60
gtgcaactag	ctcgagagga	aatcaagaat	ggaaaatgtg	ttgtaattgg	tctgcagtct	120
acaggagaag	ctagaacatt	agaagctttg	gaagagggcg	ggggagaatt	gaatgatttt	180
gtttcaactg	ccaaagggtg	gttgcagtca	ctcattgaaa	aacattttcc	tgctccagac	240
aggaaaaaac	tttatagttt	actaggaatc	gatttgacag	ctccaagtaa	caacagttcg	300

<210> 631

<211> 290

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (290)

<223> n = A,T,C or G

<400> 631

gcctagggcc	ccctagcacc	ccactcgatc	accgagggtg	ccagtccttg	tcagacagcc	60
ccccgggggc	ccgagcttcc	actgagtcag	agaagaggcc	actcagcatc	caagacagct	120
tcgtggagggt	atnnnnnnnn	nnnnnnnggc	cnctggttca	tgatntggnt	nnatanatgca	180
anaggctgtg	gctnctnaag	tcctaaggat	tnctcantga	tcanngatcc	agggccgttc	240
atgaaccact	gggctggatt	tgactgttga	ntgtggnagn	aatgcccgt		290

<210> 632

<211> 300

<212> DNA

<213> Homo sapiens

<400> 632

gtggggctcag	ttctggtctg	ctcaccagag	gttcttcaaa	tacttatgca	tagcatccaa	60
agttaaaaagg	gttgtgcaac	tagctcgaga	ggaaatcaag	aatggaaaat	gtgttgtaat	120
tggtctgcag	tctacaggag	aagctagaac	attagaagct	ttggaagagg	gcgggggaga	180
attgaatgat	tttgtttcaa	ctgccaaagg	tgtttgagct	cactcattga	aaaacatttt	240
cctgctccag	acaggaaaaa	acttttatagt	ttactaggaa	tcgatttgac	agctccaagt	300

<210> 633

<211> 300

<212> DNA

<213> Homo sapiens

<400> 633

cacagtcctt	ctggaagcca	gacccgaagc	cacagtagca	gtgccagctc	agcagagagt	60
caggacagca	ggaagaagaa	gaagaagaag	gaaaagaaaa	aacacacaga	aacatataaa	120
gcataagaag	cataagaaac	atgcaggcac	tgaagtggaa	ttggaaagac	gccatctaca	180

cgaccacagg aaccagaaga ggacctacac tcagattaga gcgtgaggaa gtgagttctt 240
 ggagacgtgc tgatgacagg aaagatgacc ggggtggaaga gcgggaccct cctcgtcgag 300

<210> 634
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 634
 cccacactcg gacactgtgg aattctacca ggcctgtcg accgagacac tcttcttcat 60
 cttctactat ctggaggcca ctaaggcaca gtatctggca gccaaagccc taaagaagca 120
 gtcattggca ttccacacca agtacatgat gtggttccag aggcacgagg agcccaagac 180
 catcaactgac gagtttgagc agggcaccta catctacttt gactacgaga agtggggcca 240
 gcggaagaag gaaggcttca cttttgagta ccgtactctg gaggaccggg acctccagtg 300

<210> 635
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 635
 ccaggctagt cttgaactcc tggcctcaag caatcctccc acctcggcct cccaaagtgc 60
 tgggattaaa ggcgtgagcc accgtacctg gcccttggtg gaatcttttag gggtttctat 120
 tcatacatat aaaatcatat cattggcaaa cagagataat tttacttcct cttttccaat 180
 ttggatgcct tagatttctt ttccttgccct aactgctctg tctagaactc ccagcactat 240
 gctgaataga gtggcaagag caggcatttg ccttggtcct aaccttacag aaaaatcctt 300

<210> 636
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 636
 gctgccccaac acgctgtttg gggatgtggc catggtggtg gaattcttga gctgttattc 60
 tgggctactt ttaccagatg ctcaagtatcc tattactgct gtgtccctta tggaagcctt 120
 gagtgcagat aagggtggct ttttatacct taacagggtg ttggtcatcc tcttacagac 180
 cctcctacaa gatgagatag cagaagacta tggatgaatg ggaatgaagc tgtcagaaat 240
 ccccttgact ctgcattctg tttcagagct ggtgcggctc tgcttgcnca gatctgatgt 300

<210> 637
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 637
 ctttgcagct ccccttccac tgagagccac ttccaccatt taataaaatc gtccacatcc 60

```

atcaactttc aaaccattca tgcaacctga ttcttctctg atgctgaaca agaacctggg      120
taccaacagg gcagggtgta aaaggctgcc accctgactc tccttgagtg ggtnnnnnnn      180
nnnctgtccn ggatggcaac tgctaaaaga gcntgaattg taacacatcc ctaaattgcgc      240
tgttggggctg gagcccaaaa gtgctcatcg aagccctggc acccgcttgc ctgcgtgctc      300

```

```

<210> 638
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (300)
<223> n = A,T,C or G

```

```

<400> 638
aacctatctg catggacctc tgtggaccac agcgtacctg cccctttctg cctcctgct      60
ccagccccac ttctgaaagt atcagctact gatccagcca ctggatattt tatacctctc      120
cttttcttta agcacagtgt cagaccaaat tgcttggttc tnnnnnnngn actacannna      180
tatgnatnct ggtncgctgg gcaagtacac tgngcccatg ctgaaagagg cctgccgggc      240
ttanggggctg aagagtggtc tgaanaanca ngaactgctg gaancctca ccaagcactt      300

```

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<210> 639
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 639
agttttcctg tgattagtgt ttttggtggt gttttatattt ttttcttaca ggaactcttg      60
caagaagaaa ggactatgag ttcaacttta gagggagcca tggggactaa aaaaaattct      120
gaggccccct caaccatcta aatggacttc cttctgggcc aggacactcg aaaattaaac      180
ctgaaagact ggttcaggcc atgatgggaa gtgggagtcg aacatgcctc atcataccct      240
ccagcattaa catcaacaca gaccttaagg ctgataagaa gcatttaca tctattctct      300

```

```

<210> 640
<211> 299
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (299)
<223> n = A,T,C or G

```

```

<400> 640
gttagctcga ggggcaaata aagagcacag gaatgtttct gattacacac ctctaagtct      60
ggctgcttct ggtggctatg tgaacatcat caaaatatta ctaaatgcag gagctgagat      120
taactctaga actggttagca aattgggcat ctctcctctg atggttagcag ctatgaatgg      180
gcatacagct gctgttaagc tcctgttaga catgggctct gacataaatg ctcagataga      240
aaccaatcgg aactgnnnnn nnnnnnnnnn ngcttccaag gaagaactga agtggttag      299

```

```

<210> 641
<211> 300
<212> DNA
<213> Homo sapiens

```

<400> 641

cagagacctg	acagtggcaa	tgtatggcca	cgttactgaa	tctacatggt	gcaagagaaa	60
aactagcaga	tgttcttggc	agccctgtca	ttcagctata	ttgctaaagc	actaggtgga	120
atcattatga	aaatttccat	cactcaaata	gaaaggagat	ttgacatatc	ctcttctctt	180
gctgggttaa	ttgatggaag	ctttgaaatt	ggaaatttgc	ttgtgattgt	atgtgttaagt	240
tactttggat	ctaaactaca	cagaccgaag	ttaattggaa	ttggttgtct	ccttatggga	300

<210> 642

<211> 300

<212> DNA

<213> Homo sapiens

<400> 642

gagagcttgg	gatgtggtaa	tgccagccac	actcctggga	gccgtggcca	gatctcggca	60
tatattatca	aaagcacatc	agtgccgaag	aatcgggtcat	ctaattgttaa	aaccacttaa	120
ggaatttgaa	aatacaacat	gcagcacact	gacaatacgt	caaagcttgg	atgtgttcct	180
tcctgataaa	acagctagtg	gtttgaataa	gtctcagatc	ctggaaatga	acaaaaaaaa	240
gtcagatacc	agcatgctgt	ctccattaaa	tgctgctcgt	tgccaagatg	aaaaggcaca	300

<210> 643

<211> 300

<212> DNA

<213> Homo sapiens

<400> 643

gcctgccaga	atggaagcat	acagatctgg	gaccgaaatt	tgactgttca	tcctaagttc	60
cactataaac	aggctcatga	ctcgggcaca	gacacttctt	gcgtgacttt	ttcctatgat	120
ggtaatgtcc	ttgcctctcg	tggaggtgac	gattcattaa	aattatggga	catccgacaa	180
tttaataaac	cacttttttc	agcctcgggt	cttcccacca	tgttcccaat	gactgactgc	240
tgtttcagtc	cagatgataa	gtcatagtc	actggtacat	ctattcaaag	aggatgtggc	300

<210> 644

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 644

ccggagagaa	gcagcaggag	ggcggcgggc	ccgtgcgctg	cgacacacct	gccaactgca	60
cctatcttga	cctgctgggc	acctgggtct	tccaggtggg	ctccagcggg	tcccagcgcg	120
atgttnnnnn	nnnnnnntg	gcaattaaca	acatcttaaa	actgactcag	ctcaccagct	180
cttccatgta	ttcacttcct	aatgcaccct	ctctggcaga	cctggaggac	gatacacatg	240
aagcctgtga	tgatcagcca	gagaagcctc	actttgactc	tcgcagtgtg	atttttgagc	300

<210> 645

<211> 300

<212> DNA

<213> Homo sapiens

<400> 645

actgttcac	ctaagttcca	ctataaacag	gtcatgact	cgggcacaga	cacttcttgc	60
gtgacttttt	cctatgatgg	taatgtcctt	gcctctcgtg	gagggtgacga	ttcattaaaa	120

ttatgggaca	tccgacaatt	taataaacca	cttttttcag	cctcgggtct	tcccaccatg	180
ttcccaatga	ctgactgctg	tttcagtcca	gatgataagc	tcatagtcac	tggtacatct	240
attcaaagag	gatgtggcag	cggcaaactt	gttttctttg	agcgtaggac	tttccaaagg	300

<210> 646

<211> 300

<212> DNA

<213> Homo sapiens

<400> 646

gcgacatcag	aagatcattg	aggaggcccc	agcgcttgg	attaaatctg	aagtaagaaa	60
aaagctggga	gaagctgcag	tcagagctgc	taaagctgta	aattatgttg	gagcagggac	120
tgtggagttt	attatggact	caaaacataa	tttctgtttc	atggagatga	atacaaggct	180
gcaagtggaa	catcctgtta	ctgagatgat	cacaggaact	gacttgggtg	agtggcagct	240
tagaattgca	gcaggagaga	agattccttt	gagccaggaa	gaaataactc	tgcaaggcca	300

<210> 647

<211> 278

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(278)

<223> n = A,T,C or G

<400> 647

ggtgactgcc	atcctggagc	cctacccttg	catccacttc	cctctggcca	catatgcccc	60
tattatctct	gctgaaaaag	cctaccatga	acagctttct	gtagcagaga	taaccattgc	120
tatgcttttn	nnnnnnnnac	ctgatgntaa	nanntgaacc	tcnntgcggt	tnntncannn	180
tttnntntc	nantcnnnna	cgtcttgntt	nnncttntnt	nnnttctcgc	annanttttn	240
natntcntnn	cctttgnttt	tnctcttctt	tnnntaat			278

<210> 648

<211> 150

<212> DNA

<213> Homo sapiens

<400> 648

ccccggtcgt	gtagcgggtg	tatactacgg	tcaatgctct	gaaatctgtg	gagcaaacca	60
cagtttcatg	cccatcgtcc	tagaattaat	tcccctaaaa	atctttgaaa	taagggcccg	120
tatttaccct	atagaccccc	ctctagaggg				150

<210> 649

<211> 277

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(277)

<223> n = A,T,C or G

<400> 649

gaagaangcc	tatncnnnct	attagctana	natagtcnnt	nnnaatanga	naganangtn	60
acnnanaang	cnananngnn	nnagagatag	ctcnacntaa	agacnggana	angatcttcg	120

ccttaataact	tttttatttt	gttttatttt	gaatgatgag	ccttcgtgcc	cccccttccc	180
ccttttttgt	cccccaactt	gagatgtatg	aaggcttttg	gtctccctgg	gagtgggagg	240
aggcagccag	gggttacctg	ccacaaacgg	ggaccag			277

<210> 650

<211> 300

<212> DNA

<213> Homo sapiens

<400> 650

gaggtagtga	cacaggctgt	gggagggggg	aggggggagga	agtctgtggg	gagcaaagtt	60
tgccttatta	cactgataaa	gtgtaattac	actaataaag	ctggatcacc	tgaggttagg	120
agtttgagaa	cagcctggcc	aacatggcaa	aaccctgtct	ctactataaa	tacaaaaatt	180
agccaggtgt	agtggcaggg	cacttgtgat	cctatctgct	cgggaggctg	aggcaggaga	240
atcgcttgaa	cccaggctgt	aaaggttgcg	gtgagccaag	atcatgccac	tgactccag	300

<210> 651

<211> 300

<212> DNA

<213> Homo sapiens

<400> 651

ggcacagtac	caggaggggg	gcttggtgcc	agacctcatg	aggaagaagg	attttcctat	60
gtacagagaa	ggggaccctg	tcctgttggg	aggtgctgtg	caaacctaac	caagttacta	120
accctctgt	tttctgtgct	acacaaaggg	gataaataca	agcttccctc	actagccaat	180
tctatttggt	tcctgagttt	ggaaagtgat	agatactgat	tttctatgat	tttatgagga	240
cttaaataag	ctcctatgga	aagtgttttg	tgcagtgccg	tgcccataaa	gaagagctca	300

<210> 652

<211> 300

<212> DNA

<213> Homo sapiens

<400> 652

acgtgaacga	gaaaaggaga	aagaacggga	gcgggaacga	gaacgggata	gggaccgtga	60
ccggacaaaa	gagagagacc	gagatcgagg	tcgagagaga	gatcgtgacc	gggatagaga	120
aaggagctca	gatcgtaata	aggatcgag	tcgatcaaga	gaaaaaagca	gagatcgtga	180
aagggaacga	gagcgggaaa	gagagagaga	gagagaacga	gagcgagaac	gagaacggga	240
gcgagagaga	gagcagagaga	gggaacggga	gcgagaaaga	gaaaaaagaca	aaaaacggga	300

<210> 653

<211> 300

<212> DNA

<213> Homo sapiens

<400> 653

tgaacgagaa	aaggagaaa	aacgggagcg	ggaacgagaa	cgggataggg	accgtgaccg	60
gacaaaagag	agagaccgag	atcgggatcg	agagagagat	cgtgaccggg	atagagaaa	120
gagctcagat	cgtaataagg	atcgagtcg	atcaagagaa	aaaagcagag	atcgtgaaa	180
ggaacgagag	cgggaaagag	agagagagag	agaacgagag	cgagaacgag	aacgggagcg	240
agagagagag	cgagagaggg	aacgggagcg	agaaagagaa	aaagacaaaa	aacgggaccg	300

<210> 654

<211> 294

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (294)
 <223> n = A,T,C or G

<400> 654

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cccccttcctt ctgtctctgg agacccttga gcttggggaa atatggaggg gtgtgtgtct      60
gcaatcaagg cctctgcagc tcacggctgg cccgggtggc tgggacttcc gtctgaattt      120
taaataactta gggttcattt tttttctctt ggcaacaaag cttgatgttt tcaactgcttt      180
agtttctctgt ttgctgggtg gaggggatac ggtctgtgac tctggacttg ctctggggga      240
acagttgtca ctgcccccg gganaagggc agctnnggct ggagaagcac agcc      294

```

<210> 655
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 655

```

acagcctggg cgtgcggcga gctgagatca agccccgggt gcgcgagatc cacctgtgca      60
aggacgagcg cggcaagacc gggctgaggc tgcggaaggt cgaccagggg ctctttgtgc      120
agttgggtcca ggccaacacc cctgcatccc ttgtggggct gcgctttggg gaccagctcc      180
tgcagattga cgggcgtgac tgtgctgggt ggagctcgca caaagcccat caggtgggtga      240
agaaggcatc aggcgataag attgtcgtgg tggttcggga caggccgttc cagcggactg      300

```

<210> 656
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 656

```

tcaagtttgt ttgaagacac gtgtgccttt gtacccatta taagatggtc ataagaccca      60
agaactgata agctttgggt tttttttgtt ttgttttgtt ttttgcttca tttaccatt      120
catgcctagg gttccattat tggaaacctt agcttgtggg agttatttct atcctactgc      180
tcaaggatcat caccaagatc tgatttttca taaaaaacat ttgtgacctt cggcataaat      240
gggttaaggt gccatccctg aaactgcaat gcagatatgt tcagataact tttatttttt      300

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<210> 657
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 657

```

aaatgttttt gaatcaagtt tgtttgaaga caagtgtgcc tttgtaccca ttataagatg      60
gtcataagac ccaagaactg ataagctttg gttttttttt gttttgtttt gttttttgct      120
tcatttacct attcatgcct aggggtccat tattggaacc ctaagcttgt gggagttatt      180
tctatcctac tgctcaaggt catcaccaag atctgatttt tcataaaaaa catttgtgac      240
cttcggcata aatgggttaa ggtgccatcc ctgaaactgc aagcagatat gttcagaaac      300

```

<210> 658
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 658

```

ctatgatcag gactgactag gtagttggca tggcccatag agaacaagga aagatgggct      60
ggtggattgg cccacctggg agccacatgg ggcaagggga gccctcacc tcagccagcc      120

```

```

agacgagtgg gatttcccc agcacagcat acccccttca caaagggaca actaaagtgc      180
ttcattaagc aagtccctgga tctgtgtccc cccaactggg tgagacaccc caatgggtca      240
ccagacacct tatacaagag catttctact ggcacaggtt ggggtgcccct caaggacaga      300

```

```

<210> 659
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 659
gttttggctg ggcattgatg ttagcgcttg cagttccagc tacctgggag ggtaagccca      60
gttcaaggct gcaattaact atgatgggtg ccctgcattt cagcctgggt gacaaaatta      120
aatcctggcc caaaaaaaaaa aagtagccag gcatgggtggc gggagcctgt tgtcccagct      180
gttccgtagg ctgaggcacg acattcactt gaacctggga ggtggaggtt gctgtgagct      240
gacaccacgc cactgcactc cagcctgggt gacagtgaga ctctgtctca ataaataaaa      300

```

```

<210> 660
<211> 280
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (280)
<223> n = A,T,C or G

```

```

<400> 660
attcgaacat atgcagttat tccactaaat gatgaatgtg ggattattga atgggtgaac      60
aacactgctg gtttgagacc tattctgacc aaactatata aagaaaaggg agtggatatg      120
acannaaaag aacttttcca gtgctnctac ctengnctnc ngntttatct gaanagntgg      180
nagtntcncn ngatangncc tgntttgcat cntnntanng nnntnnannn gccctttncn      240
tnntgnttgn cggnnnnngcn ttgncnnnag tcanccgctg      280

```

```

<210> 661
<211> 294
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (294)
<223> n = A,T,C or G

```

```

<400> 661
aataggannn ctaanaggct angtgagnaa tatcaancnc cgcncgtgtt ttnggtgggt      60
aangnngtat annnggcntn natgggnagg aatncanatg gtagttggga naggggagga      120
tacagggtgga tgggactgga ggttgtataa ggtgttcttg gaaggaaggg gcaggagtgt      180
gaattagtgt gtccctactg tccccatga ggttgtgaac ccctcccca acttttcatg      240
tttcttaaag gcattttggt tttttaaaat ctgtacagca agagcaactt tttc      294

```

```

<210> 662
<211> 279
<212> DNA
<213> Homo sapiens

```

```

<220>

```

<221> misc_feature
 <222> (1)...(279)
 <223> n = A,T,C or G

<400> 662

gaaaanggna	ngactgnttt	atggggggcnc	caannnnncng	nnncanttnc	anrnnnggccc	60
cnanaatggc	caatgctcgt	ttagggaacc	gccattctgc	ctggggacgt	cggagcaagc	120
ttgatttagg	tgacactata	gaatacaagc	tacttgttct	ttttgcagga	tcccatcgat	180
tgcaggaat	cgatctcgtg	aagcccgcaa	ggaccgaaca	ccccacccc	gatttagacc	240
tgcaggtgct	gccccacgtc	ccccaccaa	gcccattgta			279

<210> 663
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 663

gctaagtatt	ctaggatcta	cagttatggg	cattcatgct	ccaaaggaag	aggagattga	60
gacttttaat	gaaatgtctc	acaagctagg	tgatccaggt	tttgtggtct	ttgcaaccct	120
tgtggtcatt	gtggccttga	tattaatctt	cgtgggtggg	cctcgccatg	gacagacaaa	180
cattcttgtg	tacataacaa	tctgctctgt	aatcggcgcg	ttttcagctc	cctgtgtgaa	240
gggcctgggc	attgctatca	aggagctggt	tgcagggaag	cctgtgctgc	ggcatcccct	300

<210> 664
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 664

tcgttttaggg	aaccgccatt	ctgcctgggg	acgtcggagc	aagcttgatt	taggtgacac	60
tatagaatac	aagctacttg	ttctttttgc	aggatcccat	cgattcgaat	tcggcacgag	120
catggtaatc	ctgctcagta	cgagaggaac	cgcagggtca	gacatttggt	gtatgtgctt	180
ggctgaggag	ccaatggggc	gaagctacca	tctgtgggag	gaaggaggca	ggctgtgggtg	240
ggactgggta	gggtatagta	tcactcctga	gttccactgc	tctagaatct	aaccagaaat	300

<210> 665
 <211> 298
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(298)
 <223> n = A,T,C or G

<400> 665

cccgaggagc	ggagcagagg	cacccaggca	gcctgcgcgg	agaaattgga	tcggcggggga	60
cggcctgcag	ctcccgcgcg	cggggaaagg	gaagaagtcc	tcccctacaa	agcaaattca	120
caaacttgga	agaagcaatt	tacacaggat	gtgcagatct	caatggaagg	acacggggaaa	180
cgtgaaaaag	caaggaagtg	ggacgcctcc	aaagnnnnnn	nntaattctc	cagcancaga	240
tcccatcca	aaaganattc	aagaantgtc	atatagagaa	ttgtggaaac	tgatttta	298

<210> 666
 <211> 272
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (272)
 <223> n = A,T,C or G

<400> 666
 gacagcccca atccgggagc aggagggcct cctgccttgg catatagacc cctgggagcc 60
 tccctgggat gccaccagg cccagggatc cacctagggt gggttggtta tcctgggtgat 120
 ggnnnnnnnn nnnnnntnaac ctntctttnt ntacnnnnt acnnctcatn tatntctctc 180
 tanngntaan tntgnnnnnn tnnncttntn ccaantagnn nntttngnnn ncnntcnnt 240
 naatntanat tnnntnnnt ntttnntna tt 272

<210> 667
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 667
 ggaacgcagc tgctcaccag caacggaaca aagctggacg gagaatgact ttgaagagct 60
 gagagaaggc ttcagacgat caaattactc tgagctacgg gaggacattc aaaccaaagg 120
 caaagaagtt gaaaactttg aaaaaataa atgtacatta attaacgtgg aatctggtga 180
 acagtaacaa actttggtga aatttcagga accatagcca ttgaagtggg tgaggggaacc 240
 tatatacatg cactcaacaa tggctctttt accctgggag ctccacacaa agaagaatcg 300

<210> 668
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 668
 attaaaccgg tttctgtggg cacctctgtc cttgctgctg gtggggaagg gaagccagat 60
 ccagcaccct ctggggggcc atcgggagtg tggctggggg tgaagggggc tctgtggcaa 120
 tatgggggtg ggtagtgttg gtggcaggcc atccccctta atcttggaac ctctgaatat 180
 gggacctccc acagcaaagg gtgacttttg tcattaagaa agactggggt ggggtgtggtg 240
 gctcacgcct gtaacccag cactttggga ggccaagggt ggcagatcac gaggtcaaga 300

<210> 669
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 669
 agaggaccct gcagttaggg ggtgttactt tgtgccccag gatggcctgg acccccaggt 60
 tcagggatcc tcccgccgct gcttcctgag tagctgggac ctgaggcttc cgctcgtgc 120
 ccgcatccct gctgtgttta ggcagcagg ggtgacctca ctctccctg gcctgagctc 180
 tccgtcccg c atccagggc gaggcctag ggaacacttt gaagctgagc acggggtgga 240
 ccctccctcc tgagtgaatg gagaatagaa agggagagga tttctgttct gttctgtggg 300

<210> 670
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 670
 acccgaggct cgggtgacta ggtgcgaatg ccgccttctg tggtgaccac tgtcttctca 60
 tcctttgcac ctataggagg tgagtgcctt tggggaagac ggcgagggcg acgacctgga 120

```

cctatggaca gtgcgctgct ctggacagca ctgggagcgt gaggctgctg tgcgcttcca      180
gcatgtgggc acctctgtgt tectgtcagt cacgggtgag cagtatggaa gcccacatccg      240
tgggcagcat gagggtccacg gcatgcccag tgccaacacg cacaatacgt ggaaggccat      300

```

```

<210> 671
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (300)
<223> n = A,T,C or G

```

```

<400> 671
ataatttggn gcatttccnn acantgtctt nncaaganta aaatgtgngc gccaaaattt      60
ngnatnttan tnggagantt nttatccaaa ntaangctgc cntaggaagt ctaaggaatt      120
agtagngttc ccacnccttg tttggagtgn gctattctna aagaataagc aatgctcggt      180
tagggaaccg ccattctgcc tggggacgtc ggagaaagct tgatttaggt gacactatag      240
aatacaagct acttggtctt tttgcaggat cccatcgatt cgaattcggc acgagcagga      300

```

```

<210> 672
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 672
ggctctccct gagtgtcgag gaggacatga gtgaaatgac cagcgaactc attttttata      60
ggactcggtg aagccggatt ctgcatttcc ctacttgtag actcattttg tggaatagag      120
ttgatcgctg tctcctccgc aaagcatttt aactcgaata agcaaatgcc gcctctgttt      180
gaacgttttg gtattttaca gagagaaatc attttaccta agagaactaa ttgaattggc      240
agcatccttg aaatacctcc ggacaaggat ctgggggtgg gggtggaaaa gcaactgcga      300

```

```

<210> 673
<211> 285
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (285)
<223> n = A,T,C or G

```

```

<400> 673
gtgagacagg ttagttttac cctactgatg atgtgttggt gccatggtaa tctgctcag      60
tacgagagga accgcagggt cagacatttg gtgtatgtgc tacgtcgccc tggacttcga      120
gcaagagatg gccacggctg cttccagctc ctccctggag aagagctacg agctgcctga      180
cggccaggtc atcaccattg gcaatgagcc ggttacgctg ccctgaggcn nnnnnnnngc      240
cttnnttact ggcattgntgt tctgttnntn cngnngagta cattc      285

```

```

<210> 674
<211> 292
<212> DNA
<213> Homo sapiens

```

```

<400> 674

```

```

gtcaatggtg tacaagcaat gctcgtttag ggaaccgcca ttctgcctgg ggacgtcgga      60
gcaagcttga tttaggtgac actatagaat acaagctact tggtcttttt gcaggatccc      120
atcgattcga attcggcacg agggggattc ataattccag acaggtagag aacggtttta      180
tttatgtaga gacagagtct cgctctgtcg ccaggctgag gcgggagaat cacttgaacc      240
tgggaggtgg aggttgcgct gagctgagat cattacactg cactccagcc tg              292

```

```

<210> 675
<211> 271
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(271)
<223> n = A,T,C or G

```

```

<400> 675
canaccnatt ctcnnttggc aacnangatc ganggggnac ctagnnnann nnnnnnnnaa      60
tgacgcaaat gggcgttcca ttgacgtaaa tgggcggttag gcgtgcctaa tgggaggtct      120
atataagcaa tgctcgttta gggaaccgcc attctgcctg gggacgtcgg agcaagcttg      180
atthaggtga cactatagaa tacaagctta ctttgttctt tttgcaggat cccatcgatt      240
cgaattccgc acatgaatct cccctcctca c              271

```

```

<210> 676
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 676
aaatgatgac agagagaacc ctgttgaaag agcgttacca ggaggtcctg gacaaacaga      60
ggcaagtgga gaatcagctc caagtgcaat taaagcagct tcagcaaagg agagaagagg      120
aaatgaagaa tcaccaggag atattaaagg ctattcagga tgtgacaata aagcgggaag      180
aaacaaagaa gaagatagag aaagagaaga aggagttttt gcagaaggag caggatctga      240
aagctgaaat tgagaagctt tgtgagaagg gcagaaggta actgatgtta agaataaaaa      300

```

```

<210> 677
<211> 289
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(289)
<223> n = A,T,C or G

```

```

<400> 677
gcgagccagg attcccgatc cagagacaat ggccccgatg ggatggagcc cgaaggcgtc      60
atcgagagta actggaatga gattgttgac agctttgatg acatgaacct ctcggaagtc      120
ctnnnnnnnn ncttntangc ctatggtttt gangaactnt tnngttttat tttntgttn      180
antntngtn gncgtntntg ntnntgtngg atngaganga anantttctt tntgngccat      240
gtgctgatgg angnntnntn ttntcnatt tntnnntttt natgttttt              289

```

```

<210> 678
<211> 300
<212> DNA
<213> Homo sapiens

```

<400> 678

ggaccatgac	atctagggcc	tctgaacttt	ctccggggcg	cagcgtgacg	gctggcatca	60
tcattgttgg	agatgagatc	cttaagggac	acactcagga	caccaacacc	ttctttctgt	120
gccggacact	gcgtcccta	gggggtccagg	tttgccgagt	ctcagttgta	cctgatgagg	180
tagccacat	tgcagctgag	gtcacttctt	tctccaaccg	cttcacccat	gtcctcacag	240
cagggggcat	cggccccact	catgatgatg	tgaccttga	ggcagtggca	caggcctttg	300

<210> 679

<211> 300

<212> DNA

<213> Homo sapiens

<400> 679

ttcaccaatg	acatgatctt	atagcgattc	tataaaaaaca	gaataattaa	caaattcagc	60
aaagttgtca	aatacaaaat	caacacacag	aaatcagttg	catttctata	tagtactagc	120
agtgaacat	tcatgaagga	aattagcagt	ttcattttaa	tagcatcaca	tagaataaaa	180
tacataggaa	ttaaccaagg	aggtgaaaga	ctgtacaca	gaaaactaca	aaatattgtt	240
gaaagaaatt	aaagaagaca	taattaaatg	gaaagacatc	ctgtgttcaa	ttatatccat	300

<210> 680

<211> 300

<212> DNA

<213> Homo sapiens

<400> 680

tcaaggccta	cgaacaggtg	atgcactacc	ccggctacgg	ttcccccatg	cctggcagct	60
tggccatggg	cccggtcacg	aacaaaacgg	gcctggacgc	ctcgccccctg	gccgcagata	120
ctcctacta	ccaggggggtg	tactcccggc	ccattatgaa	ctcctcttaa	gaagacgacg	180
gcttcaggcc	cggctaactc	tggcaccctg	gatcgaggac	aagtgagaga	gcaagtgggg	240
gtcgagactt	tggggagacg	gtgttgcaga	gacgcaaggg	agaagaaatc	cataacaccc	300

<210> 681

<211> 300

<212> DNA

<213> Homo sapiens

<400> 681

gggagactgg	ggtctatttc	acccctgcag	tctcgaccat	aagagatggc	tacaccaggg	60
ggggccagtt	cagagaccca	ctcccagggtg	tgcatctctt	ttctcaagga	tgttccttgc	120
tgagaaaaag	aattcagtga	tatttctccc	atttgcttgt	gaaagaagag	aaatgtgggt	180
ttgttccacc	tggtcaccg	gcggtcagaa	tttaagggtta	tctctcttgt	ttcctaaaca	240
ttgctgttat	cctgttcttt	tttcaagggtg	cccagatttc	atattgotca	aacacacatg	300

<210> 682

<211> 300

<212> DNA

<213> Homo sapiens

<400> 682

gatcagccca	cctcggcctc	acaaagtgtc	gggattacag	gcgtgagcca	ccttgcccag	60
cccacatcat	acagtttgaa	atgaaacttt	gccacaacca	gcctttgctg	tagcacacac	120
atatatcact	gaacctgttt	gaaataaagt	tttttttctt	tttcctctgg	tattctgggt	180
tctgaagtct	ggtattctgg	tattctgggt	tcaaaagtat	gacttgagag	tggtgctctg	240
gtattctgag	agttgctctg	tattctgggt	tctgaagatt	atttgaaaaa	taactcctac	300

<210> 683

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 683
 ggtacaccaa agaagaaagc tgttgtccag gctaagttga caaccactgg cccggtgact 60
 tctccagtga aaggcgctc atttgtcacc agtaccaatc cccggaatt ttctggcttt 120
 tcagccaagc ccagagtga tttgggcata gtaatcagca aaagctacgg aataattcta 180
 agaattagat gtttccatat cattaataacc aaggatccat gaggggcaga agggaggatt 240
 caaagatttt aaaaaaatca aatttttagac cttgggttaa tattaactgg aatgggatct 300

<210> 684
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 684
 agactccctt tcccggctctg ctccagtaacg ggtgccttcc cagacactgg cgttaccgct 60
 tgaccaagg gcccctcaagc ggccttatg cgggcatgac agaaggctcc cctcttgctt 120
 tctattcact tctcacaatg tcccttcagc acctgacct atacctgccg gttattccta 180
 gggttatatta ttaatgcaac agagtaatat taaaagctaa tgattaataa tgtttataat 240
 aatgatggat aattgttcat gatcatcgct gtatctaatt tgtattatga ctattcttat 300

<210> 685
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 685
 ggagagaaac cttatggatg cattgactgt ggcaaggcct tcagccagaa gtcttgctt 60
 gtagcacatc agagatatca tacaggaaag actccctttg tatgtcctga atgtgggcaa 120
 cctgttcac agaagtcagg actcattaga catcagaaaa ttcactcagg agagaaacc 180
 tataaatgca gtgactgtgg gaaagccttc cttacaaaga caatgctcat tgtacatcac 240
 agaactcaca cgggagagag accctatggc tgtgatgagt gtgagaaagc ttacttctat 300

<210> 686
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 686
 gggcgctca gtttttacgt aaaatggcag atccacagtc catccaggaa tcgcagaatc 60
 tgtccatgtt cctggccaat cataacaaga tcacacagtc tctgcagcag cagctcgaag 120
 tgatttctgg ctacgaagag cctctagaac tatagttagt cgtattacgt agatccagac 180
 atgataagat acattgatga gtttgacaa accacaacta gaatgcagtg aaaaaaatgc 240
 tttatttgtg aaatttgtga tgctattgct ttatttgtaa ccattataag ctgcaataaa 300

<210> 687
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 687
 gtctgccttc aagaagccag acaggaaggc cctgcctgcc ttggctctga cctggcggcc 60
 agccagccag ccacaggtgg gcttcttctt tttgtggtga caacgccaag aaaactgcag 120
 aggccccagg gtcaggtgta agtgggtagg tgaccgtaaa acaccaggtg ctcccaggaa 180

```

ccccgggcaaa ggccatcccc acctacagcc agcatgccca ctggcgatgat ggggtgcagag      240
ggatgaggca gccaggtgtt ctgctgtggt ttgggagcct ataaagtgag actaggctgg      300

```

```

<210> 688
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 688
gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga      60
gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga      120
gagagagaga gagagagaga gagnnnnnnn nnnnnnnnnn cncacnctct tntntcncgn      180
nnnnntctc tctntgtntc nctctnngtg tnnaganatnt ntctctctta tatntntntn      240
tntttntct ctcnanannc tctctctctc tntntgtgtc tctntcacnn cctctctctc      300

```

```

<210> 689
<211> 286
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(286)
<223> n = A,T,C or G

```

```

<400> 689
gtggtctctc ccctgtacc tagaaagcta tttgagctgg atccgtccct ctgatcgtga      60
cgcttctctt gaagaatttc ggacatctct gccaaagtct tgtgacctgt anctgcncg      120
ttttgaagag cttganctgg ttncctntg gnnntcngnt ntgtntntct cntnntgtnc      180
nntcnanant nntnantttn natngntgna tnnntaangc ntatnnttn cttnatnntn      240
tnngagctn ttnnnntttt nnnntnatnc ttngtnatgn tcatta      286

```

```

<210> 690
<211> 272
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(272)
<223> n = A,T,C or G

```

```

<400> 690
aaannnaana agnnnnaagn aancnnttaa gagangaang atngangnna gnntntnaat      60
ngnaaggntn natnnncnaca nntgntantc tcggatntaa tgtannccna tgaagnaaga      120
aaaccttggc cttgatgat attcacacac attcaggaac ctgttttgat gtattatagg      180
caggaagtgt ttttgctacc gtgaaacctt tacctagatc agccatcagc ctgtcaactc      240
agttaacaag ttaaggaccg aagtgtttca ag      272

```

```

<210> 691
<211> 300

```

<212> DNA

<213> Homo sapiens

<400> 691

```

ggcacgaggc actaagcagg ctagtgctct cagcttcccg gcctcccctt ccaggccgct      60
gccgcctgac cctgtgtcca agagactcca ggctgagctg gctgaccgac ccaatcccc      120
taccgcctct ctgcccgtg acccggtggt gagaagcccg aagtctcagg ggccagccaa      180
gccccacccc ccaaggaagc cactgcctgc cgacccccag ggccgggtgcc catcgggtga      240
cctgcccggc ccaggggctg gaatcccgcc cctagtggta ccctccagac cagcgccacc      300

```

<210> 692

<211> 300

<212> DNA

<213> Homo sapiens

<400> 692

```

aaaatgcctt cattttcctt tttactttat catgagacat aagatttatt ggcttcatat      60
caacccttaa gtattgttaa ctttatgtaa tagcatttgg gttggggatt ggtgtgtttt      120
cggttgtaga tagcatagtt gaattatggt aggcataatt atgaccttat tattgtcttt      180
atttgaaaat tatatatgat ctcaggaaat gtgtatgagt tcaagttgac aaggagtggga      240
tttgggatgg ttgatactga gtgtcaactt gattggattg aagcatgcag agtaataatc      300

```

<210> 693

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 693

```

ggctgtcgct gaccaggag aagctgcctg totacatcag cctgggctgc agcgcgctgc      60
cgccgcgggg ccggcagcca tggccaagga catcctgggt gaagcagggc tacactttga      120
tgaactgaac aagctgaggg tgnnnnnnnn nnnnnntatt cagcttatcc taaacctgaa      180
agaagagtga gtagacttta aggatcaaga taatctgggg cttcccagtt gtgtcggcca      240
aggacctgag acctgaaggg ttgactttac ccatttgact gggagtgttg agcatctgtc      300

```

<210> 694

<211> 300

<212> DNA

<213> Homo sapiens

<400> 694

```

ccccggtgtc ccgcgaggg gcccgggggc ggggtccgcc gccctgcggg ccgcgggtga      60
aataccacta ctctgatcgt tttttcaatt gaccgtggag gcccccatgc ccaagctagc      120
cacgcagtc aacgagatca ccatcccagt caccttcgag tcgcggggcc agcttggggg      180
cccagaagct gcaaaatccg atgagactgc cgccaagtaa accccttagc ccggatgccc      240
accctgtctg ccgccactgg ctgtgcctcc ccgcgccact gtgtgttctt ttgatacatt      300

```

<210> 695

<211> 281

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(281)
 <223> n = A,T,C or G

<400> 695
 cagggcgtact gacaggtgga ccaacggact gatttagaag agaacaagca tgcgctccct 60
 acattccagc cacatatcac aaacgactac ggtctggaca actttgacac acagtttacc 120
 agngagccccg tgcanntgac cccanacgat nangatgcca tatagaggat ngaccagtcn 180
 nagttcgaag gntntganta tatccatcca ttattgctga ncncnnanga nncnntnttc 240
 atntacntnt agtcnntntt ttngctntct cccnnccact c 281

<210> 696
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 696
 tttcggccaa ctagaggagt ctgaaggacc agacaattgc tcagaaacag aaggctgttt 60
 agaattttct aaattcatta agggcaattc tgggtacttt ctggaaattg gctttaagag 120
 ctcatcctgc atttttaaaa tctctccaac tggatcaaatt tttttatata ctctgttgat 180
 aggtttttttt aaaacacatg actcttcagg actacaagca gtattagtct ggtttcctac 240
 agaagcctgt cctgaggaag aatttggtact agctggtctg gaacttaagt tagaaccac 300

<210> 697
 <211> 262
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(262)
 <223> n = A,T,C or G

<400> 697
 gtcagggctg gactgtgagc ctgtgcttgg gtccctggagg aggtgagggg ggtatacatt 60
 gatgagtttg gacaaaccac aactagaatg cagtgaaaaa aatgctttat ttgtgaaatt 120
 tgtgatgcta ttgctttatt tgtaaccatt ataagctgca ataaacaagt taacaacaac 180
 aattgcattc attttatgtt tcaggttcag ggggaggtgt gnnnnnnnnn nnnnnnnnnn 240
 nanntnnnnn tanngnntna tg 262

<210> 698
 <211> 295
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(295)
 <223> n = A,T,C or G

<400> 698
 gggcgaaaaa gatgaccgaa attcaaactc ctgaaaatac tcctcgttta tttgatttag 60
 taaaagtaaa agatgagaaa attcgccaag ctttttattt tgctttacga gataccttag 120
 tagctgacaa cttggatcaa gccacaagag tagcatatca aaaagataga agatggagag 180
 tggttaacttt acagggacaa atcatagaac agtcaggtag aatgactggt ggtggaagca 240

aagtaatgan nggaagaatg ggtncctcac ttgntattga aanctctgaa gaaga 295

<210> 699
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 699
 agaaagtgtc agcacagttt gtgttgtgga tttgctactt ccatagttta cttgacatgg 60
 ttcagactga ccaatgcatt tttttcagtg acagtctgta gcagttgaag ctgtgaatgt 120
 gctaggggca agcatttgtc tttgtatgtg gtgaattttt tcagtgtaac aacattatct 180
 gaccaatagt acacacacag acacaaagtt taactggtag ttgaaacata cagtatatgt 240
 taacgaaata accaagactc gaaatgagat ttttttggtg cacctttctt tttagtgtct 300

<210> 700
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 700
 aagtagagga ggaagttcag acaatttcat aagtgtctaa aaagagacag ttatgcgacc 60
 attgacgagg agtaaaagtc gtctattgag catcttattc actacaaata gaagaaagaa 120
 ataccagttt cctgacaagc cccaccccat gcttggccag ttcttgagta cacttaatat 180
 attttagagg aaaagatgct agaaccacag gagaatggcg tgattgacct accagattat 240
 gagcatgtag aagatgaaac ttttctctct tttccacctc cagcctctcc agagagacaa 300

<210> 701
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 701
 gtggtcttca gtctgtcgtg caccgatgag aactctcctt attgctgtga agggcagaca 60
 atgcatggct gatctactct gttaccaatg gctttactag tgacacgtcc cccggtctag 120
 gatcgaaatg ttaacaccgg gagctctcca ggccaccac ccggagagac gtcgcgctgt 180
 ggcctgaagt ggcgcaagct tgctttgtaa atatctgtgg tcccgatgta gtgccagaa 240
 cgtttgtgcg aggcagctct gcgcccgggt tccagcccga gcctcgccgg gtcgccgtct 300

<210> 702
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 702
 ggcgtgccta atgggaggtc tatataagca atgctcgttt agggaaaccgc cattctgcct 60
 ggggacgtcg gagcaagctt gatttaggtg aactataga atacaagcta cttgttcttt 120
 ttgcaggatc ccatcgattc gaattcggca cgaggaagga ggacctaggc acacacatat 180
 ggtggccaca cccaggaggg tagtggggag ttagatttca gaggccaggc ctaggttggt 240
 gaccactcc aaataatctc ctcggtgtgg gtggtggttc tatagaggga taaagaataa 300

<210> 703
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 703

```

ccaaggcgca gcccgattct gcccctacg attggttcgg ggacttctcc tcttccgtg      60
ccctcctaga gccggagctg cggcccgagg accgtatcct tgtgctaggt tgcgggaaca      120
gtgccctgag ctacgagctg ttctctggag gcttccctaa tgtgaccagt gtggactact      180
catcagtcgt ggtggctgcc atgcaggctc gctatgccca tgtgccgcag ctgcgctggg      240
agaccattga tgtgcggaag ctggacttcc ccagtgtctc ttttgatgtg gtgctcgaga      300

```

```

<210> 704
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 704
gagaagctga ccttggacct gacggtgctc ctgggtgtgc tgcaggggca acagcagagc      60
ctacagcagg gggcacactc caccggctcc agccgcctgc acgacctcta ctggcaggcc      120
atgaaaaccc tgggagtcca gcgccccaaag ttggagaaga aggatgccaa ggagatcccc      180
agtgccaccc agagcccatc cagtaagaag cggaagaaaa agggattctt gccagagacg      240
aagaagcgca agaaacgcaa gtcagaggat ggcacgccag cggaggatgg cacacctgca      300

```

```

<210> 705
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 705
agtccacatt aaaaagaaaa caaaacaaac cctaactaac ttccaaatgg gtctcctgg      60
gcgggggcgt gagtggcgtg gccctgggtg tgetgectgt ctgagcaagc ttccctagct      120
gaggaaaccc gggccccctg ctgcgggctc tgccctgggtg tcatgcctgc tgcacccccg      180
tttacctga tgtgccannn nnnnnntgg nggtttggag cnnacatgct actggtcnan      240
nnacacangt nccggggcat catgagaaag gntngntctt ggnaccttgt cctccccagt      300

```

```

<210> 706
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 706
ccgcagaggg cctggaagag gtgctcacca cgccagagac tgtgctcaca ggccacacgg      60
agaagatctg ctccctgcgc ttccaccac tggcagccaa tgtgctggcc tcgtcctcct      120
atgacctcac tgttcgcac tgggaccttc aggctggagc tgatcggtg aagctgcagg      180
gccaccaaga ccagatcttc agcctggcct ggagtcctga tgggcagcag ctggccactg      240
tctgcaagga tgggcgtgtg cgggtctaca ggccccggag tggccctgag cccctgcagg      300

```

```

<210> 707
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 707
tgaggtctc ctttcgcccc agcccagggt gccaaagcca tcttggcctc agaacatgct      60
gagcacattt tgtagggtgg caccctttta tccaagttac tagctacaca tcagtgttta      120
aagagaaaaa agtgaccttt catttttttt tcttgaaact tgaggaaaca agatacatat      180

```

tactgatttt	ttttttctta	aaactaaatg	catgactgca	gagcggtaga	ggtgtatatatt	240
tttcatactg	tggggcacaag	tattttgtgct	gcttttttga	gatggactgg	aacgtcttgg	300

<210> 708
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 708						
aaaaacagt	cattagcaat	ttcatagcaa	gtgcatgcac	taggaaaaga	aaactctgtc	60
tacaagttta	ttagcagaag	tgggtggtctg	ctagacaaat	aatttttgcaa	aattttttcta	120
catctaagtt	acctcatcag	taagtgccat	gtctctacca	tgccatcaga	ggctaatttc	180
ctgtaaaagt	tgtggaaatt	gttagaacia	tagaaaaata	gagcagtgtg	tgtgtgccaa	240
aactcatcat	tactcaaagg	agaactgtgt	taggcacatt	taagaaagtt	tacatctgac	300

<210> 709
 <211> 285
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(285)
 <223> n = A,T,C or G

<400> 709						
gagagagaga	gagagagaga	gagagagaga	gagagagaga	gagagagaga	gagagagaga	60
gagagagaga	gagagagaga	gagagagaga	gagagagaga	gagagagaga	gagagagaga	120
gagagagaga	gagagagaga	gagagagaga	gagagagaga	gannnnnnnn	nggtcttctc	180
ntgcctgatg	cctcttntca	ctgcctggan	ccctgntnna	ngccctcgna	tctcccttgc	240
tnccgngcct	ttntttngan	cctgggtggtc	tcctctccca	ttgct		285

<210> 710
 <211> 275
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(275)
 <223> n = A,T,C or G

<400> 710						
gagagagaga	gagagagaga	gagagagaga	gagagagaga	gagagagaga	gagagagaga	60
gagagagaga	gagagagaga	gagagagaga	gagagagaga	gagagagaga	gagagagaga	120
gagagagaga	gagagagaga	gagagagaga	gagagagaga	gagnnnnnnn	nnngngngcn	180
ctcccgcgcg	cnngnctnnc	ncncntntnn	tctctctctc	tcgngcnccc	ccnccncccc	240
cnnacacann	nnncagagng	nnnctctctc	tntnt			275

<210> 711
 <211> 266
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1) ... (266)

<223> n = A,T,C or G

<400> 711

ataacacaga	ctttcaagga	ccaaggattg	gagggttttaa	agcaggaaac	agcagttggt	60
gaaaacgtcc	ccatttttggg	actttatcag	attccagctg	aggggtggagg	ccggattgta	120
ctgtatgggg	actccaattg	cttggatgac	agtcacgac	tgaaggactg	cttttggett	180
ctggatgccc	tnnnnnnnnn	nnnntngtgt	ggngtgnnnn	ntanctnnn	nnnntttng	240
nnccnnnnnt	gnnntttntn	nnnnct				266

<210> 712

<211> 300

<212> DNA

<213> Homo sapiens

<400> 712

gtgtggaacc	tgcagggcct	ctagatgtgc	tgggccccag	tctccaaggg	cgagaatgga	60
ccctgatgga	cttgacatg	gagctgtcct	tgatgcagcc	cttggttcca	gagcgggggtg	120
agcctgagct	ggcgggtcaag	gggttaaatt	ctccaagccc	aggtaatggt	tgtgatgact	180
cctacctggg	aggacgcctg	gattgggctg	agctaccttg	attgagttag	ggggcaatct	240
gcaatttgca	gggaaatcct	gagttcaggc	tgactgcag	agcgttcctt	gagccacca	300

<210> 713

<211> 300

<212> DNA

<213> Homo sapiens

<400> 713

tgtggagaag	ccttcttttt	ctatgggaaa	tcacttctgg	agttggcaag	aatggagaat	60
ggtgtgttgg	gaaacgcctt	ggaagggtgtg	catgtggaac	atcattctca	ccaccagtct	120
cttctctgtg	cctttcttcc	tgacgtggag	tgtgggtgaac	tcagtgcatt	gggccaatgg	180
ttcgacacag	gctctgccag	ccacaaccat	cctgctgctt	ctgacggttt	ggctgctgggt	240
gggctttccc	ctcactgtca	ttggaggcat	ctttgggaag	aacaacgcca	gcccctttga	300

<210> 714

<211> 291

<212> DNA

<213> Homo sapiens

<400> 714

gttttgctcg	tttaggggaac	cgccattctg	cctggggacg	tcggagcaag	cttgatttag	60
gtgacactat	agaatacaag	ctacttggtc	tttttgcagg	atcccatcga	ttcgaattcg	120
gcacgagggt	atgtctggct	gtagctgttg	gtcacgtgaa	gatgacagac	gatgagcttg	180
tgtataacat	tcacctggct	gtcaacttct	tgggtgtcatt	gctcaagaaa	aactggcaga	240
atgtccgggc	cttatatatc	aagagcacca	tgggcaagcc	ccagcgcta	t	291

<210> 715

<211> 294

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (294)

<223> n = A,T,C or G

<400> 715
 tcctccangg ccgtggttgt gaaaaagggtc gagggccctg atgggaagct ggtgtctgag 60
 tcctctgacg tcctgccccca gtgcacaagt tcggcagccc ctcccagcct tcccctcctg 120
 cgctgccccca gagcctggga aggaggccgc tttgcagggt agcactggga acaggggaacc 180
 cccctgaggc tccgccctag cccttagccc gcctggggag ttacttctt ggggaccccc 240
 cttgcccatg cctccagcta caacaccatt ccattgcttt tttttttggt ccag 294

<210> 716
 <211> 289
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(289)
 <223> n = A,T,C or G

<400> 716
 ggtagttaag cccccccaaa acaagacgga aagtgaaaat acttcagata aacccaaaag 60
 aaagaaaaag ggaggcaaaa atggaaaaaa tagaagaaac agaaagaaga aaaatccatg 120
 taatgcagaa tttcaaaaatt tctgcattca cggagaatgc taatatatag agcacctgga 180
 agcagtaaca tgcaaatgtc agcaagaata tncgntnaan gganctgttn atgctanttn 240
 ananataatc nnagctggan agggagcttt ttaagcttaa nnnaatggt 289

<210> 717
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 717
 cgacggcaag gtggtgctgt cccggcagta cggctcggag ggccgcttca cgttcacctc 60
 ccacacgccc ggtgaccatc aaatctgtct gcactccaat tctaccagga tggctctctt 120
 cgctggtggc aaactgcggg tgcattctga catccagggt ggggagcatg ccaacaacta 180
 ccctgagatt gctgcaaaaag ataagctgac ggagctacag ctccgcgccc gccagttgct 240
 tgatcagggtg gaacagattc agaaggagca ggattaccaa aggtatcgtg aagagcgctt 300

<210> 718
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 718
 ggggggattc cactcctggt ttgtgagtag ggcacccatg ggctgcccag ccttaaagcc 60
 agaacaaggg tgtcccctga cctcgttcca ctgcccctct cccgttcccc tctttcccc 120
 ctaccttccc cttaggcacg tctgagaatg gtggatgtgg tggagaaaga agatgtgaat 180
 gaagccatca ggctaattgga gatgtcaaag gactctcttc taggagacaa ggggcagaca 240
 gctaggactc agagaccagc agatgtgata tttgccaccg tccgtgaact ggtctcaggg 300

<210> 719
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 719
 gtcgggtctc caacctcatt aagcaccaca gggttcacac tggagagaag cctataagtt 60
 gcagtgactg tgggaaagca tttagtcaga gctccagcct tattcagcat cggagaattc 120

```

acactggaga aaagcctcac gtgtgtaatg tatgtggaaa agcctttagt tatagctcag      180
tgctccgaaa gcaccagatc atccacacgg gagagaagcc gtacagatgc agtgtctgtg      240
ggaaggcctt cagccacagc tcagccctca ttcagcacca gggcgtgcac acaggcgaca      300

```

```

<210> 720
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 720
gtggctatcc atcaacataa gtaaaaaaaaa aaaacacttc aactccctcc cccatttann      60
nnnnnnntta acatatttta aaaatcanat gagttntata aataatttaa anaagngaga      120
gtatttattt ttggcatgtt tggcccacca cacanactnt gngtgtgtat gtgtgngttt      180
atatgtgtat gtgngtgaca naaaaatntg taaanaanag gcncatntat ggntactgnt      240
caaatnctta aagataantt nattttcaca cagtccacaa ggggtatatc ttgtagtttt      300

```

```

<210> 721
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 721
gtttgtgcat cacttgggtca ccattggggt tatctccttc tctacatca acaatatggt      60
tcgagtggga actctgatca tgtgtctaca tgatgtotca gatttcttgc tggaggcagc      120
caaactggcc aattatgcca agtatcagcg gctctgtgac accctttttg tgatcttcag      180
tgctgttttt atggttacac gactaggaat ctatccattc tggattctga acacgaccct      240
ctttgagagt tgggagataa tcgggcctta tgcttcatgg tggctcctca atggcctgct      300

```

```

<210> 722
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 722
acaacattca gcatgcagac ccgccagtgc agatccttta caaccgcacc atgggtgcagc      60
tgggcatctg tgcttccgc caaggcctga ccaaggacgc acacaacgcc ctgctggaca      120
tccagtcgag tggccgagcc aaggagcttc tgggccaggg cctgctgctg cagccccagc      180
taaggttgaa gccaaaggaag agtcggagga gtcggacgag gatatgggat ttggtctctt      240
tgactaatca ccaaaaagca accaacttag ccagttttat ttgcaaaaca aggaaataaa      300

```

```

<210> 723
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 723
gcaaggcgcc gggggacacg ttggctgcgt tttcggcgga ctggccgggt acaaaaatgg      60
ctgtggctag cgatttctac ctgcgctact acgtagggca caagggaag tttgggcacg      120
agtttctgga gttcgaattt cggccggacg gaaagcttag atatgccaac aacagcaatt      180
acaaaaatga tgtgatgatc agaaaagagg cttatgtgca caagagtgta atggaagaac      240
tgaagagaat tattgatgac agtgaaatta caaaagaaga tgatgctttg tggcctcccc      300

```

<210> 724
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 724
 agaaaacaac ttggcatttc tatactttac aggaaaaaaa attctgttgt tccattttat 60
 gcagaagcat attttgctgg ttgaaagat tatgatgcat acagttttct agcaattttc 120
 tttgtttctt ttacagcat tgtctttgct gtactcttgc tgatggctgc tagattttta 180
 tttatttggt tccctacttg ataatttag tgattctgat ttcagttttt catttgtttt 240
 gcttttggtt ttttctcat gtaacattgg tgaaggatcc aggaatatga ctcaaagggg 300

<210> 725
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 725
 tgtagaggag gtgaggaaat actttaatgt gttggaaacc atgggtttga acagaagata 60
 cgcataatgga gtggggaatg gaaagaaaac tttgtgctac atttactgta aattatatct 120
 tattgattca gtaaattcag gtggaatacg gaagttcaaa tttaaagatt acccatggac 180
 tcctgacctc aggtgatcca ccgcctcag cctcccagtg ggctgggatt acaggtgtga 240
 gccaccatgc ccagcctcat cattcttatt aactgggtta atcctttcaa taatcctatt 300

<210> 726
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 726
 tcggcacgag ggcaagggac ttctgtaac aatgcatttc atatttgga tgacccagtc 60
 ctctcccaag tccacacagg ggagggtgata gcattgcttt cgtgtaaatt atgtaatgca 120
 aaattttttt aatcttcgcc ttaatacttt tttattttgt tttattttga atgatgagcc 180
 ttctgtgccc ccttcccc tttttgtcc cccaacttga gatgtatgaa ggcttttggt 240
 ctccctggga gtgggtggag gcagccaggg cttacctgta cactgacttg agaccagttg 300

<210> 727
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 727
 cgtccgctct cattggctct gctgggtccag aaagcagccc aggcctttta ctccgggctg 60
 ctgtgtgtgg catgtggttc ataccgacgg ggaaaggcga cctgtggtga tgtcgacgtg 120
 ctcactcacc acccagatgg ctgggtccac cgggggtatct tcagccgcct ccttgacagt 180
 cttcggcagg aagggttcct cacagatgac ttggtgagcc aagaggagaa tggtcagcaa 240
 cagaagtact tgggggtgtg ccgggtccca gggccagggc ggcggcaccg gcgcctggac 300

<210> 728
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 728
 atagtcagaa aacaacctgg catttctata ctttacagga aaaaaattc tgttgttcca 60
 ttttatgcag aagcatattt tgctgggttg aaagattatg atgcatacag ttttctagca 120

atcttctcttg	tttcttttta	cagcattgtc	tttgctgtac	tcttgctgat	ggctgctaga	180
ttttaattta	tttgtttccc	tacttgataa	tattagtgat	tctgatttca	gtttttcatt	240
tgttttgctt	ttgttttttt	cctcatgtaa	cattgggtgaa	ggatccagga	atatgacaca	300

<210> 729
 <211> 300
 <212> DNA
 <213> Homo sapiens

gtccaggctt	ccttctgatg	gccaacccac	ctttaatget	ggccagtcta	tctcacacaa	60
agttctaagt	tttccagggt	tcatagtaac	tccatagtct	cccttaaata	cctttttgaa	120
atttttcaac	atagtcccta	gtgggatggg	cttactttgt	gcctgaccca	tgttttctca	180
agacaaaaca	ccatggcagg	aacagccact	tgcactctgg	cccggtgcca	cactgcggtg	240
cttgggtgtg	ttgtggagcc	tgccctgcg	cgccttgctc	ccgttgagcc	acgctgtctg	300

<210> 730
 <211> 300
 <212> DNA
 <213> Homo sapiens

gataaatacc	tcagcccctc	gccttcctca	acccacctgg	caagtcttct	taggatctga	60
tccagttttt	ctggaagcaa	tcctaccca	gcccagctt	cccagagtcg	agccttaata	120
cttctcactt	ctcagtgtca	gagcagaaat	gaatcctggg	gttgactgtg	tccattcggg	180
ttattagcag	ctaagaagcc	cagacgagta	gtgtgagctg	ccttgggagc	ctcagtgagg	240
gcactgggac	tggcctcact	ctcttgcccc	cagcctagtg	ggctttctcc	tctgtctctc	300

<210> 731
 <211> 300
 <212> DNA
 <213> Homo sapiens

gtccatacat	ggagctccct	ggagcccgtg	tgctctcgtg	tgactgaacg	ttttgtgatg	60
aaaggaggag	aggctgtctg	cctttatgag	gagccagtgt	ctgaattgct	gaggagatgt	120
gggaattgca	cacgggaaag	ctgtgtgggt	tccttttacc	tttcagctga	ccatgaactc	180
ctgagcccga	ccaactacca	cttcctgtcc	tcaccgaagg	aggccgtggg	gctctgcaag	240
gcgcagatca	ctgccatcat	ctctcagcaa	ggtgacatat	ttgtttttga	cctggagacc	300

<210> 732
 <211> 300
 <212> DNA
 <213> Homo sapiens

cactgggttc	caagttgctt	tgctgaataa	ggatttgaag	ccacagacat	ttagaaatgc	60
ttatgacata	ccaagacgaa	atcttttgga	tcacttaaca	agaatgagat	ctaattcttt	120
gaagagcact	cgcagatttc	tgaaaggaca	ggacgaagat	caagtgcaca	gtgttcctat	180
agcacaaatg	gggaactacc	aggaatacct	caagcaagta	ccttctccac	taagagaact	240
tgatcctgat	cagccacgaa	ggttgcatac	atttggcaac	ccctttaagc	tggtataaga	300

<210> 733
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 733
 ggcgccctgg ccccgctgct gagccacggc caggccact tcctatggat caaacacagc 60
 aacctctact tgggtggccac cacatcgaag aatgccaatg cctccctggt gtactccttc 120
 ctgtataaga caatagaggt attctgcgaa tacttcaagg agctggagga ggagagcatc 180
 cgggacaact ttgtcatcgt ctacgagttg ctggacgagc tcatggactt tggcttcccg 240
 cagaccaccg acagcaagat cctgcaggag tacatcactc agcagagcan caagctggag 300

<210> 734
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 734
 ggcgccctgg ccccgctgct gagccacggc caggccact tcctatggat caaacacagc 60
 aacctctact tgggtggccac cacatcgaag aatgccaatg cctccctggt gtactccttc 120
 ctgtataaga caatagaggt attctgcgaa tacttcaagg agctggagga ggagagcatc 180
 cgggacaact ttgtcatcgt ctacgagttg ctggacgagc tcatggactt tggcttcccg 240
 cagaccaccg acagcaagat cctgcaggag tacatcactc agcagagcaa caagctggag 300

<210> 735
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 735
 ggcacaagga cctcctgcc aacctgtttg aagacatgga cctcaacaag gatggcgagg 60
 tccttcggga ggagttctcc accttcatca aggtcgaagt gaggtagggc aaaggacgcc 120
 tcatgcctgg gcaggaccct gagaaaacca taggagacat gttccagaac caggaccgca 180
 accaggacgg caagatcaca gtcgacgagc tcaagctgaa gtcagatgag gacgatgagc 240
 ggggtccacga ggagctctga ggggcaggga gcctggccag gcctgagaca cagaggccca 300

<210> 736
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 736
 ttcaagcccc cagcctacga ggatgtggtt caccgcccag gcacaccacc ccccccttat 60
 actgtggccc caggccgccc cttgactgct tccagtgaac aaacctgctg ttctcctca 120
 tccagctgcc ctgcccactt tgaaggaaca aatgtggaag gtgtttcttc ccaccagagt 180
 gccccccctc atcaggaggg tgagcccgnn nnnnnntga cccctgcctt cacaccccc 240
 tctgcgcgt atgccgttta actggcgact ccggtattga gctctgcctt tgcctgcct 300

<210> 737
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 737

agaaccatca	tggtctggac	attggacttc	ctccgggagc	ggctgttggg	ctggatccaa	60
gaccaggttg	gttgggacgg	cctcctctcc	tactttggga	cgccacgtg	gcagaccgtg	120
accatctttg	tggtgggagt	gtccaccgcc	tcactacca	tctggaagaa	gatgggctga	180
ggcccccagc	tgcttggac	tgtgtttttc	ctccataaat	tatggcattt	ttctgggagg	240
ggtggggatt	gggggacatg	ggcatttttc	ttacttttgt	aattattggg	gggtgtgggg	300

<210> 738

<211> 300

<212> DNA

<213> Homo sapiens

<400> 738

gaatgacatt	catgccagtt	cttccttgaa	tggcagaagc	actgaagaag	taaggcccat	60
tgatgaaac	ttggggcaaa	ctggaaaatc	tgctgtttgc	attcaccaag	atataaatga	120
tgatcatgtt	gaatatgtta	caggaattca	gcatttgaca	agcgattcag	acagtgaagt	180
ttatttgtat	tctatggaac	aatttggaca	agaagagtct	ttagacagct	ttacgtccaa	240
caatggacca	tttcagtatt	acttgggtgg	tcattccagt	caacccatgg	aaaatttctgg	300

<210> 739

<211> 300

<212> DNA

<213> Homo sapiens

<400> 739

cgggactggt	accaccgcat	cgaccccacc	gtgctgctgg	gcgcgctgcg	cgttgcggag	60
cttgacgcgc	cagctggtac	aggacgagaa	cgtgcgcggg	gtgatcacca	tgaacgagga	120
gtacgagacg	aggttcctgt	gcaactcttc	acaggagtgg	aagagactag	gagtcgagca	180
gctgcggctc	agcacagtag	acatgactgg	gatccccacc	ttggacaacc	tccagaaggg	240
agtccaattt	gctctcaagt	accagtcgct	gggccagtgt	gtttacgtgc	attgtaaggc	300

<210> 740

<211> 300

<212> DNA

<213> Homo sapiens

<400> 740

gtacgagagt	ctgttgaaca	acaggctgat	agtttcaaag	caacacgttt	taaccttgaa	60
actgaatgga	agaataaact	atcctcgcct	gcgggaactt	gaccggaatg	aactatttga	120
aaaagctaaa	aatgaaatcc	ttgatgaagt	tatcagctcg	agccagggtta	caccaaaca	180
ttgggaggaa	atccttcaac	aatctttgtg	ggaaagagta	tcaactcatg	tgattgaaaa	240
catctacctt	ccagctgcgc	agaccatgaa	ttcagggaact	tttaacacca	cagtggatat	300

<210> 741

<211> 300

<212> DNA

<213> Homo sapiens

<400> 741

cagtccttca	atgccgtcgt	caattacacc	aacagaagtg	gagacgcacc	cctcactgtc	60
aatgagttgg	gaacagctta	cgtttctgca	acaactgggtg	ccgtagcaac	agctctagga	120
ctcaatgcac	tgaccaagca	tgtctacca	ctgataggac	gttttgttcc	ctttgctgcc	180
gtagctgctg	ctaattgcat	taatattcca	ttaatgaggc	aaagggaact	caaagtgggc	240
attcccgcca	cggatgagaa	tgggaaccgc	ttgggggagt	cggcgaacgc	tgcgaaacaa	300

<210> 742
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 742
 ggctagcgat ttctacctgc gctactacgt agggcacaag ggcaagtttg ggcacgagtt 60
 tctggagttc gaatttcggc cggacggaaa gcttagatat gccacaaca gcaattacaa 120
 aaatgatgtg atgatcagaa aagaggctta tgtgcacaag agtgtaatgg aagaactgaa 180
 gagaattatt gatgacagtg aaattacaaa agaagatgat gctttgtggc ctccccctga 240
 tagggttggc cgacaggagc ttgaaattgt aattggagat gagcacatat cttttaccac 300

<210> 743
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 743
 ggatcctttc cagacagaag accccttcaa atctgaccca tttaaaggag ctgacccctt 60
 caaaggcgac ccgttcagaa atgacccctt tgcagaacag cagacaactt caacagatcc 120
 atttggaggg gaccctttca aagaaagtga ccatttcgt ggctctgcca ctgacgactt 180
 cttcaagaaa cagacaaaaga atgaccatt tacctcgat ccattcacga aaaacccttc 240
 cttaccttcg aagctcgacc cctttgaatc cagtgatccc ttttcacctt ccagtgtctc 300

<210> 744
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 744
 agaaaatgtg ggatcaagaa aaggaccatt tgaaaaagtt caatgagttg atggttatgt 60
 tcagggtccg gccaacagtt ctgatgccct tgtggaacgt gctggggttt gcactggggg 120
 cggggaccgc cttgctcggg aaggaagggtg ccattggcctg caccgtggcg gtggaagaga 180
 gcatagcaca tcaactacaac aaccagatca ggacgctgat ggaggaggac cctgaaaaat 240
 acgaggaact tcttcagctg ataaagaaat ttcgggatga agagcttgag caccatgaca 300

<210> 745
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 745
 attcatgccg gttcttcctt gaatggcaga agcactgaag aagtaaagcc cattgatgaa 60
 aacttggggc aaactggaaa atctgctgtt tgcattcacc aagatataaa tgatgatcat 120
 gttgaagatg ttacaggaat tcagcatttg acaagcgatt cagacagtga agtttactgt 180
 gattctatgg aacaatttgg acaagaagag tcttttagaca gctttacgtc caacaatgga 240
 ccatttcagt attacttggg tggtcattcc agtcaaccca tggaaaattc tggatttcgt 300

<210> 746
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)

<223> n = A, T, C or G

<400> 746

ganancncag	atcncnttga	aatgcctctc	ttttaataaaa	cgtttccttt	gttcactatt	60
gcctgctagt	tcattcttgta	aatccttggc	tttaagctcc	aacttagtcc	tctgcttaat	120
ctgctcttgt	ctttcagcac	taagctgttc	tttttcttct	ttcatagctg	aaatttttgt	180
tttcaattct	ctaacttggc	gttcgatata	ctccatttta	tctcttgcat	cctgctgagc	240
atctcttaat	tgtctggatt	tttctccact	agtctctcgc	ttagcagaaa	gctcatcaag	300

<210> 747

<211> 300

<212> DNA

<213> Homo sapiens

<400> 747

ccgaagaaat	ataacacatt	ttggacctac	aactcttaga	tcaactcttg	cctatgggat	60
gctcaggctc	tgtgatcctc	taccttatga	tataatagtc	gatccaatgt	gtggaactgg	120
ggcaatacca	atagaggggg	ccactgaatg	gtctgactgc	ttccatattg	ctggtgataa	180
taatccactg	gctgtgaata	gagcagcaaa	taacattgca	tctttattga	ccaagagcca	240
aattaaagaa	ggcaaaccct	cctgggggctt	gcccatagat	gctgttcagt	gggatattctg	300

<210> 748

<211> 300

<212> DNA

<213> Homo sapiens

<400> 748

attctctcaa	taatggccag	ccgaaaagta	cgcgctgcca	ggcatctgcc	tccgcggagt	60
cattaaactc	ccacagtggg	cacccactg	ctgatgtaca	gactttccag	gcaaagcgcc	120
atattcatca	acaccgtcag	tcttactgta	attataacac	tggaggtcag	ttagagggca	180
atgcagccac	ttcctatcag	aagcagactg	acaaaccag	ccactgtagc	cagtttgtga	240
cacctccgcg	gatgaggaga	cagttctcag	cacccaatct	caaagctggt	cgagaaacca	300

<210> 749

<211> 300

<212> DNA

<213> Homo sapiens

<400> 749

tttacaatca	ggaacttaac	gagactcgtg	ccaaacttga	tgagctttct	gctaagcgag	60
agactagtgg	agaaaaatcc	agacaattaa	gagatgctca	gcaggatgca	agagataaaa	120
tggaggatat	cgaacgccaa	gttagagaat	tgaaaacaaa	aatttcagct	atgaaagaag	180
aaaaagaaca	gcttagtgct	gaaagacaag	agcagattaa	gcagaggact	aagttggagc	240
ttaaagccaa	ggattttaca	gatgaactag	caggcaatag	tgaacaaagg	aaacgtttat	300

<210> 750

<211> 300

<212> DNA

<213> Homo sapiens

<400> 750

gacagacctc	acttccagca	ttcccaaacc	tctgcttcca	gttgggaaca	aacctttaat	60
ttggtaccca	ttgaacctgc	ttgagcgtgt	tggatttgaa	gaagtcattg	tggttacaac	120
cagggatggt	caaaaggctc	tatgtgcaga	attcaagatg	aaaatgaagc	cagatattgt	180
gtgtattcct	gatgatgctg	acatgggaac	tgcagattct	ttgcgctaca	tatatccaaa	240
acttaagaca	gatgtgctgg	tgctgagctg	tgatctgata	acagacgttg	ccttacatga	300

<210> 751
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 751
 gttgtatttg aaagcagtag tgtggacgaa ttgcgagaga agcttagtga aatcagtggg 60
 attccttttg atgatattga atttgctaag ggtagaggaa catttccctg tgatatttct 120
 gtccttgata ttcatacaaga tttagactgg aatcctaaag tttctaccct gaatgtctgg 180
 cctctttata tctgtgatga tgggtcggtc atattttata gggataaaac agaagaatta 240
 atggaattga cagatgagca aagaaatgaa ctgatgaaaa aagaaagcag tcgactccag 300

<210> 752
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 752
 aaagaactgt ctcacgcaac cattgattct aaaactggcg atttagggga catcaatgct 60
 gagcagcttc ctgggaggga acatcttaat gaacctggta ctagagaagg acagactcgt 120
 ctaatcagag atggggagaa agtcgaagcc tatcagtggg gtgttagtga agggaggtgg 180
 ataaaaattg gtgatgttgt tggctcatct ggtgctaata agcaaatac tggaaaagtt 240
 ttatatgaag ggaaagaatt tgattatgtt ttctcaattg atgtcaatga aggtggacca 300

<210> 753
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 753
 gacagactcg tctaatacaga gatggggaga aagtcgaagc ctatcagtgg agtggttagtg 60
 aaggaggtg gataaaaatt ggtgatgttg ttggctcatc tgggtgtaata cagcaaatac 120
 ctggaaaagt tttatatgaa gggaaagaat ttgattatgt tttctcaatt gatgtcaatg 180
 aagggtggacc atcatataaa ttgccatata ataccagtga tgaccttgg ttaactgcat 240
 acaacttctt acagaagaat gatttgaatc ctatgtttct ggatcaagta gctaaattta 300

<210> 754
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 754
 cagagatcaa acaattgtag atcccttcag ttcaaaacat aatgtgattg tgggcagaaa 60
 tggatctgga aaaagtaact ttttttatgc aattcagttt gttctcagtg atgagtttag 120
 tcatcttcgt ccagaacagc ggttggtctt attgcatgaa ggtactggtc ctcgtgttat 180
 ttctgctttt gtggagatta tttttgataa ttcagacaac cggttaccaa tcgataaaga 240
 ggaagtttca cttcgaagag ttattggtgc caaaaaggat cagtatttct tagacaagaa 300

<210> 755
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 755
 cagcggatgg ccgaaaatct aggtctcgtt gggcctttga aaagccaggc tgcagatcaa 60
 attacgaagc tgtataatct cttcctgaaa attgatgcta ctcagggtgga agtgaatccc 120

```

tttgggtgaaa ctccagaagg acaagttgtc tgttttgatg ccaagataaa ctttgatgac      180
aacgcagaat tccgacaaaa agacatatat gctatggacg acaaatacaga gaatgagccc      240
attgaaaatg aagctgccaa atatgatcta aaatacatag gactagatgg gaacattgcc      300

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<210> 756
<211> 191
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(191)
<223> n = A,T,C or G

```

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<400> 756
cccagctcct tgggaggctg aggcgggaga attgcttgaa cccggggacg gaggttgacg      60
tgagccgaga tcgcactgct gtaccagacc tgggccacag tgcaagactc catctcaaaa      120
aaaaaaaaann aaaaaaaaaan ccctgttaan nncannnggt ntaagngaata gttngangct      180
ttaaannagg t                                     191

```

```

<210> 757
<211> 179
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(179)
<223> n = A,T,C or G

```

```

<400> 757
caaataagtt aaatgtatat ggcattggat tggaattgga ggtatcagtg tgaactcatg      60
gttttggttt ttttgttttt tgcttttttt gttttgtttt tgttttttga ggcaggggtg      120
cactctgttg cccaggctgg agtgcattag ncacatnac agntnagcac annctatgc      179

```

```

<210> 758
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 758
caacagtcct aaccagtcga attagaccca tttgggtgct ctccatttcc ttctaaacag      60
tagatacttc tgatggattc tcggcattaa ctctgttttc ataaaagtgt gaacagtttt      120
atgaatttga aagaaaattt ggtagctctt tatagcattc attcttaaag atcagtccta      180
ataggtgatn tntaaatnnn ccanntanaa gaatgaagcn tctctacngg gtagtaactt      240
gatncctctt nagganaana gggngctaaa tngcaagctc tnactaatgg ttctgctact      300

```

```

<210> 759
<211> 62
<212> DNA
<213> Homo sapiens

```

<400> 759
 ggggtatcag ttactggatc taagcatgtc cactctacac gctttttttt tttttttttt 60
 tt 62

<210> 760
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 760
 cacaagggtca ggagttggag accagcctgg ccaacgtggt gaaaccccggt ctctactaaa 60
 aatacaaaaa ttagccgggc gtggtggcac atgcctgcag tcccagctac tgagaaggct 120
 gaggcaggag aatcgtttga atctgggagg tggaggctgc agtgagccaa gattgogcca 180
 ctacacttca gcctgggcaa cagagtgaga ctctgtctaa aaaaaaacac taagcatgta 240
 gtttctatat aactagaagc ataggatatt ctgatctgca atccatcaat cagtggccaat 300

<210> 761
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 761
 tttgaatatg gactatagtt agataatagt cttaggtaat agttaaatgt cctggggtttg 60
 attattgtgg ttatatgggg gaatgtcctt gtactcagaa gacatatgct gaagtacagt 120
 atttagagat aaaagtgtca tgtttgcaac taactttcaa atagttcaga aaaaaaata 180
 tgtatatatg tgtctgtgcc tgtatatgaa agagagaaca caaatgtggc aaaatattaa 240
 caattgggtgg gccaggtatg gtgggtggct catgcctgta atcccagccc tctgggaggc 300

<210> 762
 <211> 284
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (284)
 <223> n = A,T,C or G

<400> 762
 cctttaaaag gcagctgcaa atgacccatt tttgtgataa aactaactca gagtacaggt 60
 gcaaccccac tgatgtaaac agcttttgag gctttgaggt tttagatgac agtcatctaa 120
 aacaccagct tctcaaatac atcagettca ggccctgggct gagcctgagg agcctcctag 180
 gaagttagag atttttgagc tcaaagggtc caggagaggc ccaatagttt tcatgcttca 240
 ttaacccgaa ggcttcccga caatcgncca agggtttncta aaag 284

<210> 763
 <211> 289
 <212> DNA
 <213> Homo sapiens

<400> 763
 caaagatact ggatactaga aggcagtgga ggaaggctctt ccaagtgagg atgaaacatt 60
 ttaaaccctag gatccattaa atccgaaggc taaagaaagt caccacacat caggactaaa 120
 atgttgactt ccataaaca ctattttatt ttatttttat tttattattt tattttattg 180
 tatttttctt agactgagtc ttgctctgtt gccaggetca agttgcagtg agccaagatc 240
 acgccactgc attccagcct gggcgacaga gcaagattcc atcttaaaa 289

<210> 764
 <211> 295
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(295)
 <223> n = A,T,C or G

<400> 764
 ccagcctggc caacatggca aaacactgtg tacactacaa atagaaaaat tggccgggca 60
 tcatggtgtg tgcccgtagt cccacctact caggaggctg aggcaggaga atcgcttgag 120
 cctggagggc ggagggttgc gtgagacgat accgtaccac tgcactccag cctgggcaac 180
 agcaagactc cgtctccaaa aaaaaaatt taaaangatt tttnttatgg nggtttcana 240
 aatggttgtg nggcaggctg gntgnantgg cacangcctg nantnccagc acttt 295

<210> 765
 <211> 297
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(297)
 <223> n = A,T,C or G

<400> 765
 cagtgaatnn gtaagttcaa tctgtngcnn atngaggtaa aatattttata gnataaanct 60
 gngcagctta nccanttttg aatatgcaat tcagtggatt aagtacattn tcantgttgt 120
 anagccatcg ccatcatcca tctccagaag ttgtgcatct taccaaattc tgtgcccagt 180
 gaacaataac tccccacctc ccttccctc agcaacagcc accccttttg tctctatcat 240
 caacttcact actcatatct ctcagtgaag tggaatcata cagtatttgt ccttttg 297

<210> 766
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 766
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 atcagtgtgc aacacgagtt accaagaggg gctttcttag tggaaagaga gtgataaatt 120
 ggtaacatgg aagctacttc ctgtgttctt tttctgagaa ctagaagaag gaatacaagt 180
 tggcccatg ctaatgtgta tatacctttt ttacatacca atcactagtg tgtttagaaa 240
 ttaggaaagg tcagtaagtc tccagtatat ataaacatct atagtgtatg gaaaggtctt 300

<210> 767
 <211> 290
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(290)
 <223> n = A,T,C or G

<400> 767

cgagttttttt	ttttttttttt	tttaatanat	ncggcantttt	nattttcaatc	gccccaanena	60
anttancnng	nngnaancctt	aaangaacca	anttnaaccn	aaanagttcc	ggnaaaaaata	120
ncaaaaaancn	gaaantntna	aaagggaagn	ccccctaaaa	ncnngaaaat	tcaccnttcn	180
ttagggttnc	ntnttcantt	tngatngncn	ctngaggctn	gcaanttttn	aancaancctt	240
tnaaatcnng	angnctnttn	tgaaaaanatt	tcanccccc	cnctaaaatt		290

<210> 768

<211> 300

<212> DNA

<213> Homo sapiens

<400> 768

agggacaagg	ctataaatat	cattaataacc	aggttcagga	gtttgcactg	cactaaaaat	60
caactcagct	attttagcac	cttttataga	gtggaaatgg	ggttgggcag	tagagaagag	120
cactttttaga	gaggcttttc	tgtagtagtc	aggggttaca	cctgttaacc	agccataatt	180
tttttttttaa	gaggctgtgc	tgaggatgag	ccccatgtag	ttggtgcagg	tggggacaca	240
ctgctgtgt	aactagaaaa	actaggcatg	gccgggcacg	gtggctcaca	cctgtaatcc	300

<210> 769

<211> 300

<212> DNA

<213> Homo sapiens

<400> 769

ctgcaatttc	tccaaagctt	gccactttcc	agcctgtttc	cccaattcct	ctgtgctctc	60
ctagagctct	gtctgaatcc	tcgcagccac	acctagggtc	gagaactcag	gctttgagtt	120
actgatcttc	cttgatttag	gagaacagg	gttcctcctc	ccctctccta	gcagccctaa	180
tgtctgacct	agcctatcaa	gccttaggcg	ctggaagaac	ccttctcaga	cacgcaggac	240
ccaggtaaag	tcaaagcttt	gcccttttgc	ccactgtctg	ctaccagggc	tcacccactg	300

<210> 770

<211> 300

<212> DNA

<213> Homo sapiens

<400> 770

aggggcctta	cattactttc	ttgcagcact	gatggctttt	gtttgaggct	gcacaaattc	60
ctgcatttcc	cttgggttga	atggtaggga	tgcgggcagt	tggtgactgg	gtgaaccacc	120
tgacttgagc	agggctacga	ctctctctgc	aaacgaaacc	cagagacatg	aacagtgtctg	180
agattttctca	gtgggtttccc	atgtaggctg	ctttccaagg	gcagcaagca	tggtttcatc	240
actcaccag	tgcttctgat	tcagcactgt	gatgtctcgg	taagttttta	tgagggttta	300

<210> 771

<211> 300

<212> DNA

<213> Homo sapiens

<400> 771

caagattgag	cacacggaga	cagatactgt	ggaccccaga	agcaatggac	ggccccccac	60
tgctgctgct	gtccccaaat	ctgcgaaata	catcgctcag	gtgctgcagg	actcagaggt	120
ggacggggat	ggggatgggg	ctcctgggag	ctcaggggat	gagccccat	catectcatc	180
ccaagatgag	gagttgctga	tgccaccoga	cgccctcacg	gacacagact	tccagtcttg	240
cgaggacagc	ctcatagaga	atgagattca	ccagtaaggg	gagggagggg	ccctggaggc	300

<210> 772

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 772
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 tttgccggca tgcttttcac agcccctggt acccagtaag gcgattatta gcattggtgc 120
 ttgctggaat cagatattcc agaattttct gtcacagctc atcggtgccc tcttcttttc 180
 tgtgggtaaa ctgaggcaga aactcaggct ggggtggaact ctgcagcctc agctggagac 240
 ctcgtctggc caaggactgt ggggacacag gccctctagg ctgccacctc atggtcccag 300

<210> 773
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 773
 cccacctggg cttcccaaag tactgggatt acagacgtga gccaccgcac ctggcctaaa 60
 tttcaccatc gtttctattc ataacttacc tgcaaagtga ttatctgact agtactactg 120
 caacaaagat aataaagtgc ctgatgttta tatcaaatac gatatggcat gtttctgagt 180
 gtttctaaag aaaaatactg aatgaacccc tcgcctaacc tagtgctgtg ggtaacaata 240
 actgacatgc attgagcgct tactgtgtgc cagggtgctt ttcgagggtac ttaccggta 300

<210> 774
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 774
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 gagctttata tctggagatg tgggatcata aaaacgtctt tttaatctga tgatcattaa 120
 aacaccggga gatgaggcac agctgctaata cggaatacat ttccatttct gcgggggattg 180
 agcatgtctt cggaaccctc tgcaatagct ttagaaacaa acgttccttt tatcagggtga 240
 gaaaactacc ctatggcatg cctccggata tgtagttctt cctagggtac aaaatatcag 300

<210> 775
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 775
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 aagatgaaga tggcatatgt ggttatgcct tgggcactgt agatgtgacc ccctttatta 180
 aaaaatgtaa aatttcctgg atccccttca tgcaggagaa gtataccaag ccaaaggtg 240
 acaagggaact ctctgaggct gagaaaataa tgttgagttt ccatgaagaa caggaagtac 300

<210> 776
 <211> 288
 <212> DNA
 <213> Homo sapiens

<400> 776
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 tcttcatagg aaagccaccc tgggtgccaa cctagcttgt ggggaggggt atgtgttcca 120
 gaaactgctc tttgtgttcc cttcaatgag gaaacaacat gtgtctactt atgtggcatc 180

caactgcttg gagctccaca cttccctttc gcgactcagg ctctgggtgct gttgccaatc 240
 cttgcttggc aaagactggt cgatcatgtg gggctcttat ttacaagg 288

<210> 777
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 777
 tgaaactttg taatttggac cccctaattt tgtacatggt gatgatagga ataagggcctt 60
 cgtttatatt cactgcatgc tctctatgga aagaggatgt gctaagcaaa caagcattgt 120
 aaacaatatt tcagaggcaa ggttttggcc tgctttaaaa aaataaaatg tttgcaagta 180
 caattaaaaa ccagtataag ggacaggggt gggatgaaaa cctgtctcta agattacgaa 240
 gcctgcgtta tttcccttaa atccccttcg aggaagattt gaatccctca tcaacaaatt 300

<210> 778
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (300)
 <223> n = A,T,C or G

<400> 778
 gcctctgtcc tgaacttttt aaccgggtgc cacaaccgga gggctctccat aggggcagggt 60
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 tttcctaagg actgcgactc ggtgaacaga aaggaggcta tgcggtgtgg ccagccaact 180
 caaggaggac gaagcagcct ttgcctctaa actgcctgga accanangcg tattnttctg 240
 anccntenna ggnagtgtctg agtactgatg cagtctgtag ggantaactn ccttccctcg 300

<210> 779
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 779
 gttaagagca ctgaagcggg ggtcagaggc ctggctttgt ctataactca ccgagtggca 60
 ctgggcttcc ctctgccttc acgtttcatc tctgacctga ggggcctggc tagatggctc 120
 ttctggcttt gacacatttc tactggggcc caggctcaag tctcggtggc cctgggtgggt 180
 cactggagac tgttcctgtg gaggccactt caaggctgcc ccggagggtcg cccaacctgc 240
 ttctacagca ccctgggggc gcccttccc taacgaggag ctcccaagat gtagttttgt 300

<210> 780
 <211> 294
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (294)
 <223> n = A,T,C or G

<400> 780
 ctagagtgc atgttgacgt gcaatgctgc aatctgggct cactgcgacc tccacctcct 60

gaggcaggag	aatggcgtga	aaccaggagg	aggagcttgc	agtgagccga	gatcgtgcca	120
ctgcactcca	gcctgggtga	cagagcgaga	ctccgtctca	aaaaaaaaaa	atntaattat	180
caaatgcntc	ccattgngat	agtcctacnt	tatgngacat	taacctatat	tcctgggtcc	240
ttttaattcc	caactactgc	tnntanaggt	cttanccttt	tatgttaatt	ttta	294

<210> 781

<211> 300

<212> DNA

<213> Homo sapiens

<400> 781

agtttaaaaa	tacttctttg	taaaagttat	tgcacaaaga	aaagacatga	atgtgtccct	60
gttatgtact	cacaaggata	atgatggggg	tgttgctcat	taatactgtt	tcttgtgcaa	120
taacttttac	aaagaagtat	ttttaaaactg	atcattaatt	ttatgaccac	agaaatgaga	180
tgcaaaattt	atgctattgt	cagtggcaca	ggctcacagc	accactgaca	ttttgtgtga	240
ttgtaataga	atggctgcca	actaatgatt	ctgtagacat	ttcatttgag	tgtgcttttc	300

<210> 782

<211> 300

<212> DNA

<213> Homo sapiens

<400> 782

atggggctgg	ccaggcctca	cccctgatat	ccctgagcat	ctgttcctta	caatattgtg	60
gagtcctgg	gggcagaagc	taccatcctg	tgctgcccct	cactctcagt	gtgactggtc	120
ttcaggatgt	ttaggtggct	ccacatgcgg	atgtacagct	ttcccctgct	tgttttcccc	180
atggcatatt	aacagcgaga	tctgcaagaa	tacatcattt	tgtacagaac	aggatgtatt	240
tcttttaaac	tacgttcctg	tgtggacaag	tggtatcata	tgcaaagggt	taaggaccgt	300

<210> 783

<211> 300

<212> DNA

<213> Homo sapiens

<400> 783

gctgtgttgc	ccagactggg	cttcacctcc	tgggctcaag	tgatcctcct	ccctcagcct	60
ccccaaagtgc	tgggattata	gatgtgagcc	cctgcaccag	acaattatat	ttatttttaa	120
aaacgcccct	catgaagtct	gggtaattct	ctccagattt	ctccttatca	acaaatttat	180
aagagttagg	aaaaaaaaatga	tgtaaataaa	gcacttaaat	tgcgacagtg	gttctattct	240
taacatcata	atgcttatga	ctaaggagca	ttcttttttt	tataaattaa	atgtattctg	300

<210> 784

<211> 300

<212> DNA

<213> Homo sapiens

<400> 784

cccagggtgc	tatccacttg	ctagaaacca	tcatgagagt	tagataccag	ttttctgctg	60
gaaatacaga	acattttcctg	aaaccgtgtg	gttgagggtga	aacaggcatt	ttgcagtctt	120
atatttttgag	taaggccaaa	cctgcctagt	gttataaaac	tagacaaaaa	accagggtac	180
ccggtcttgc	aggatagaaa	tgtgtgacta	aaatgaagca	tcgatctgag	aagactacaa	240
attagcggga	acctttggac	aggagcatgc	tatacattac	ttagattaat	gttgatattt	300

<210> 785

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 785

agacaatccc	aaatatttgg	agattgtcct	aactggttta	gtgtagctat	aaaagaatac	60
atgaagctgg	ataatttatg	aagaaaagag	gtttatttgg	ctcacagttc	tataggctat	120
acgagatgca	tcatgccacc	attttcctgg	agcccttcag	gaagcttcca	ctcatggcag	180
aaggtgaagg	gcagccagca	tgttcagtga	tcacgtggtg	agaggggaagg	caagagagag	240
aagagggagg	ggtcaggctc	tatttaacaa	ccagcttttg	tnccgtnnca	tgaggtgaga	300

<210> 786

<211> 300

<212> DNA

<213> Homo sapiens

<400> 786

cctatctgtc	tactggttgg	tcttttacac	tacaggtgca	cagcaggaga	agatgggttg	60
acctcgtgag	tgctgaatag	cacgaggaaa	taaacagggg	aaggaagttt	gggtgaatag	120
ccaaaaggag	tgtatttttc	cagtataact	ctcatatcac	cttttctaac	cttcacagca	180
tagatgtgga	cataggattg	gtgcctccat	attgagagtt	gaagcatctg	tggcaaaata	240
ctgtgtcatg	cttgggtgcta	ccacttgaaa	cagtgtctgga	acttagattg	ccctcgtgct	300

<210> 787

<211> 300

<212> DNA

<213> Homo sapiens

<400> 787

gggttcttta	acctgtgctt	cctctgtcct	acttcccatc	ctgcacagtt	catagagtca	60
ctttctgact	atcctataga	cacagtaatt	ggacctgtgt	ttttttctaa	tcttttatatg	120
acagcacatt	tcctaattca	gggaccatcc	cctatcccaa	attccatcct	gtgagatgtg	180
aaacctgtga	gttcatgtga	atgagtgggt	gaagggcttg	acgccatgta	gtctcttagg	240
aaggcttcag	ggtgctctta	tgttgttgct	ttgccattat	caaatggcat	tgattgatcc	300

<210> 788

<211> 300

<212> DNA

<213> Homo sapiens

<400> 788

gccaaagctca	gtttttcgcc	ttgaatatga	agatgctaga	aagagctctg	catttaagca	60
gagccttggtg	caattcccgg	accaaagtgt	gaaactgcaa	gagtgccctt	taaaagacct	120
tcttaggcatt	gtgacttggt	ctctaccaga	acctttgggc	aacatgaagg	aagtcaaagg	180
catttactgg	cttgctgttg	ctgcctgcac	agcacctgac	cctcaaccag	cgtgtttgct	240
cctgcttcag	tcaactttat	atgctttggt	cctgtcagat	aatctcggct	caatgagcat	300

<210> 789

<211> 300

<212> DNA

<213> Homo sapiens

<400> 789

agtcattaca	agttaggatc	ctgggtaa	at	ggcaacctcc	acctcccagg	ttcaagcagt	60
tctcctgect	cagtccccca	catagctggg		actacagggg	cacaccagct	aatttttgta	120
ttttcagtag	agttgggggt	ttaccatgtt		gaccaagctg	gtctcaaact	cctggcctca	180
agtgatccgc	ccaccttgac	ctctcaaagt		gctgggatta	caggcatgag	ccatcacgcc	240
cggccagctg	ttgggttctta	atgacacagc		ttaactttat	tgtgaaaaga	ttgcagcaac	300

<210> 790

<211> 300

<212> DNA

<213> Homo sapiens

<400> 790

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atgcatatcg	gtgcactgta	tgtattttcaa	aatgcctttc	ctatgattgt	catgtcctcc	120
tttaaggctt	ttccctcaaa	tttattacaa	atttagtatt	tttagtactt	gatgactcta	180
attacatgaa	tgcacctgga	atgacatttg	taacagaaga	cagtctgact	tgctttcagt	240
attcacaagt	tctttccagt	ttccaagtct	tttctagca	gtaatttagg	ggagacagag	300

<210> 791

<211> 300

<212> DNA

<213> Homo sapiens

<400> 791

atgcctgcca	gctgagaggc	agttggaaga	ccaacaagct	gagcaggcat	ttcagcagat	60
tcagcagtca	gagtgcacca	agaagggtgc	tttagtttgg	agtttcaaaa	ggccatactg	120
taatagtga	ccagaaatca	agcagccctc	agaaagactg	aaacgcatct	acggatcatc	180
tcaatctgat	tgcataaaagg	tggttcaaga	tttattagt	ctttttactc	gcctctccaa	240
tttttcatat	ataatgtcca	gcaccacatc	aaaaataacc	cagcatagat	ggagataaga	300

<210> 792

<211> 300

<212> DNA

<213> Homo sapiens

<400> 792

attttcatcc	cgaggcattg	tctaattgatg	tcccactgcg	aaggataaag	atgtagtttt	60
ctttgactct	gccacctccc	actactcagc	tcactcatac	ttcctgccat	ctttcatctt	120
ccaataagt	atatcatttt	cattacatta	gtatcagact	ttacattatt	atgaccatgt	180
aaatgctatt	tctaactgag	ccatgtagta	tactctgatt	acttttccct	tcttgcaaaa	240
ctttttcttt	tctatggatt	gctacttatt	ttttattggg	tatttgctaa	gctttctgga	300

<210> 793

<211> 300

<212> DNA

<213> Homo sapiens

<400> 793

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aattacctct	ttaaaggacc	tatctccaaa	tagtcacatt	gtgggttagg	gcttcaacat	120
atgaataatg	gagggatata	gttcgggtcca	taacatacac	taactgtctt	tgtatactaa	180
tcctcatttt	gacagattgt	catttaagaa	aaaattattc	ttaagtagaa	tcattgactt	240
ggacccaatt	ggaagcattg	ttgtcacctc	tcttttgggt	cttccttttt	acctttggat	300

<210> 794

<211> 300

<212> DNA

<213> Homo sapiens

<400> 794

caaagatggt	cgtattacta	aaggtgaata	accagcgcgg	ggggcacgtg	gagtcactgg	60
aacatttgtg	caatgctggg	gggaatgtca	acccgtgcgg	ccctctggaa	taagcctggc	120
agctcctcca	agagttaccg	tgtgaccag	caattccact	cctagctcca	cccacaggaa	180
ttgaaagcaa	agacgcaaac	agatgcctgt	gcaccaaagt	tcacggcagc	atccttcgcc	240
atagtggcag	catccgtcgt	cacagcggca	tcaccttca	tcatagcggc	agcatccgtc	300

<210> 795

<211> 300

<212> DNA

<213> Homo sapiens

<400> 795

ctgccatgac	tgtcatcttc	ttcatcgta	gtcagtttat	ggaccccttg	aattctatcc	60
aaggacaccc	aagaggaccc	caagtttgga	gcctctagag	ccctgttggt	ggctctgcca	120
ctggggagtg	ttagcggtgc	tagctctgct	gaggttgaaa	tgaacgtgga	aaaaataaac	180
tgatacacat	atatgtcttt	gtaagttctg	ttcaccacat	ctgctttgac	ctacaacact	240
gctgtgttta	tatcaggttg	tttataaaac	cttggaact	tcgctttcca	ctccatttgc	300

<210> 796

<211> 300

<212> DNA

<213> Homo sapiens

<400> 796

aggaagcatt	cacatatcct	agaatagatg	acttggetat	caacccttg	ccggctgtag	60
ctccccat	gttgtagtct	gtatgtgcta	taccaacct	agagcagggc	gccatgcctg	120
gctaattttt	tttttttact	ttttacagag	atggggcttc	actatgttgc	ccaggctggg	180
cttgaaactcc	tggcttcaag	tgatactcct	gcctgagcct	cccaaagtgc	tgggattata	240
gacatgagca	attgtacttg	gctcaaattt	ttgttttaat	tgggcttttt	gtcagaagaa	300

<210> 797

<211> 300

<212> DNA

<213> Homo sapiens

<400> 797

ctgcaaatg	gactgtgatt	caggacctcc	tccttaccta	cgagcaccct	gggagggact	60
gactaatggc	ccaggacac	acagtcaccc	tctgcaggca	acagtcaggc	ttctacttgc	120
tgaagccgtc	aagggttga	ctgtcacact	cagtgttctg	gaaaacaaat	cagtaaagca	180
atntagagga	tcttttgcaa	atcagagaaa	aagaatcaat	acaaggcgaa	agaattctga	240
tcagcacttt	aaaacgtgct	tatcagaaac	ttttcttctc	tcttttaagc	tttggttcta	300

<210> 798

<211> 300

<212> DNA

<213> Homo sapiens

<400> 798

gagccacctg	aatatttgcc	acttagcatg	tctgatattc	atccttggtt	cttgtcacaa	60
gtatcatcca	cattacagac	cccgttgtag	aaaactgaaa	ttctgactgt	aacgccatca	120
tgggatagtt	ctgacctgct	tgctagttga	tatgtgaaag	cctgaatttt	gcttcaaaaa	180
agccattcag	gattaacagt	gtattgtgta	ataaagtggg	ctttgtgtga	aagttggaga	240

tccctttag tag ataattcaga actactggaa gtttcacagt acacttgtaa atgatgaaag 300

<210> 799

<211> 300

<212> DNA

<213> Homo sapiens

<400> 799

gataatcaga accagacttt aaaatgtcct gcacgtgtac cctgcttctt ttcagcttcc	60
ctgccatgta tatccgaggc tttgggccta ggggccttat cagtgtgaaa ttagtcccca	120
gtgcaaagca gccagtctcc caagagacct tggcagagct gggagtctctg tgtgctttgc	180
cttttgaaga ctcatcagc tctgccatgt ctctctaca ctgttttgta caaccttact	240
gcacacttaa cactcgcatg gggatgcagc agtgccccgg cataaggatt ggaggactgt	300

<210> 800

<211> 300

<212> DNA

<213> Homo sapiens

<400> 800

ctggatgaag actaagcatt taaatactaa gttgagggca tagtagctgg catgtgccta	60
taatcccagt gttttgggag gcctaggcgg gaggatgcct tgagcccagg agattgaagc	120
tgcatgtaat tatgagccaa tgcactccag cctgggtgag agtgagacc tatctcaaaa	180
cagcaacaac aacaagatac aaattgagaa actgttactt gatttgcgat atgtattctg	240
tccagcagtg atagaataac aaggactggg tttacctgc tattttaagc aacaatatat	300

<210> 801

<211> 300

<212> DNA

<213> Homo sapiens

<400> 801

acctcttctt cattgttaaa atggaaataa taatactacc tagctcgtgg gattgttgtg	60
agacaacaac aaatgagaca acagagatct gaaactctgc ctggccctg gtatatacca	120
agtcacacgt taaattagcc tttgttacta aatcattgtt tgggtagaaa tcctcagatt	180
ttggatttct caagtgtcc ttttctactg tccaaaaggc agaattgtat ttttgctcga	240
ttccattatg taatatccta tgaatttgaa atttcggagg aggcacagca tggggctgtg	300

<210> 802

<211> 300

<212> DNA

<213> Homo sapiens

<400> 802

gtgtggaaac aactttgcat ttgtaaacag tttcccctgc gtgcgaagag cctagaaact	60
actctctctc ttgagatctg atgtccccag tcccctcatt gttgaatgtg aatagaatag	120
gaaccaccgt tttgcactgt tcatggctat gttgagttat gtgggggaga agggcatatg	180
gtagtaaaact gaattctcct gtctgcctac agctgcattt ctacttgtt tctcttctct	240
ttagtgctgt gtacatacct ctgtcagcac taataacgtg taattatatt atctatttac	300

<210> 803

<211> 300

<212> DNA

<213> Homo sapiens

<400> 803

gctgtcgggc	ctcagcagag	ctgcctaccc	acctgagctc	cgattcatgt	actacgtcga	60
tggcaggggc	cctgatgggtg	gctttcgtca	agtcaaagaa	gctgtcatgc	gttatctgca	120
gacactcagt	tgacacttgt	tatatcatgg	gaccccgga	attggagtga	agctagaaac	180
agaaaacca	tgacagggcct	cggattccca	caaagtgtac	aagagggtata	gggagtgagt	240
cgcagcgctt	tgctcgtgac	cctgggatca	gagcaccat	caggcttcca	ttactgtggg	300

<210> 804
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 804						
cagagaggca	gggataccag	atatggggaa	atctgtaatt	acatgcaggc	attaaatatt	60
taaatatata	ttttcttctt	ttaattgtgg	taaaacacat	ataacataaa	atztatcgtc	120
ttaaccattt	ttaagtgtac	tgttttgtag	tgctgagtgt	attacattat	tatacaacca	180
atttccagca	ccttttcatc	ttgcaaaact	aaaactcttt	acctattaaa	caactactcc	240
ctgtttctcc	ctcctcccag	tccatgagaa	gcaccatttt	actatctttt	ctgtgagttt	300

<210> 805
 <211> 290
 <212> DNA
 <213> Homo sapiens

<400> 805						
atgaggtatg	aagccattta	atacgaagaa	gagctaaaag	aatgagaacg	tgattgcatg	60
aaatgtttag	ccagaaatct	tgggatatag	gagaagaggg	ggagacttga	ttgattaggt	120
tgtaaatatt	tgctctatgg	accacggtaa	cgtggattag	cattcagagt	agtaaccagt	180
agtgggagtt	ggagtcatag	agtattgggt	ctcttttatcc	caggagattt	ccaatggggt	240
cagtttctac	tgacctttta	gagagaccat	gctatgctgt	cttttttttt		290

<210> 806
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 806						
ctctagcatg	tgccataaat	tacagtgacc	tttaaaatct	cgcttggtca	ctgctgaatg	60
ggtgagaata	ggcttggttc	cagtttttaa	ggtcacactg	tcctaatttg	caatgcatca	120
caccatgtac	taagttggta	acaaccgctt	agaggaaagc	tttcgttatg	caagggagaa	180
catcaaaaag	ggcactttatc	ccaaatgaat	gcagcaattt	aaaccaaaga	tgtttacgca	240
gggcaagaac	aaagtaaggc	aggagttttg	ggtcaactag	gctgatgtct	ttgaacaccc	300

<210> 807
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 807						
atcgagacca	tcctggctaa	cacggtgaaa	ccccatctct	actaaaaata	caaaaaatta	60
gctgggcata	gtggcaggtg	cctgtagtcc	cagctactcg	ggaggctgag	gcaggagaat	120
ggcgtgaacc	cgggagggcg	agcttgcagt	gagctgaaat	tgcaacactg	cactccagcc	180
tgggcgacag	agtgagactc	cgtctcaaaa	taaaaaata	aaatgggaat	atcaataggg	240
cctatttagt	aggggtggaag	tatagctcta	atgagatggg	ccatactggg	ccccagcac	300

<210> 808
 <211> 300

<212> DNA

<213> Homo sapiens

<400> 808

aaatattttc	attggttata	caactgctgt	gtctttttctg	agaaactcag	ccccaatgtg	60
taacaccctg	gattccacgg	ggcagcaaat	tccacacact	gcacccatgt	tgtgagcgga	120
gatttttcggg	ctgaccaaaa	cttgaggcga	actgagtctc	catcttaaca	ctcaaacaca	180
cttcattggcg	gcctggaaac	aaggcaatca	ttatgaagct	tcagcccagt	tcttctgaaa	240
ccaacgtatt	gggcctgctt	cattgtctct	ctaggggcta	atcacaaaaca	tgtgggaagg	300

<210> 809

<211> 300

<212> DNA

<213> Homo sapiens

<400> 809

gtggtggctc	acgcctgtaa	tcccaaagtg	catggattac	aggtgtgagt	gagccaccgc	60
ggccggcctc	tatcattttc	tgactcagca	gctccaccaa	aattgacatc	ctagcaaaca	120
ctgtgaagga	attaacctaa	gtgcttccag	agcatctcat	gtaacctcta	tggagtaagt	180
cactttttct	gtaacatgtg	gcttttgacc	ttgatgaaga	ctttgacttc	tcacccctgt	240
ctacatggag	gaagatgatt	cagtgggtggg	gaaaatgaac	ctcggttaaca	tttccaatgt	300

<210> 810

<211> 300

<212> DNA

<213> Homo sapiens

<400> 810

ttatgacctt	tctttgttaa	ttttcctcct	tttccaggcc	tgattcctct	ttttggatag	60
aggaatattt	ttgaattctg	gttttgaaat	atgagggaag	gccaagtctc	ttaggaaaagt	120
tttacataaa	catctactta	gcatagccga	atagttcctg	actacaccag	aaaagaagtt	180
tgagcttcca	gtctttttta	ttgtagacag	gaaggtaggc	aggagagcaa	taggaaggct	240
cgacaggaaa	gcagtttcct	agtcggtagc	aaagggaagg	tttaggtcca	gtttgtgcag	300

<210> 811

<211> 300

<212> DNA

<213> Homo sapiens

<400> 811

cagctatagc	actaggcagc	cttgcatcct	gggtgttgaa	agtgcaggcc	attatcctcc	60
cctctgacct	ccaagatggt	agggtggcctt	tctgtgcctc	agttttatca	tctgtaaatt	120
gggtatgatt	gtactagtgc	ctagtacata	aggagtgtctg	caaagattac	atgagtgtct	180
ttaaagtccct	tacaacagta	tctcacacat	agtaagcatg	gcatgtggta	gttactatca	240
ttagtccctc	ttggagcaat	gtatattaaa	attttaaga	cagctgtctg	gtcaggattg	300

<210> 812

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 812

```

ggcacagtca gggagttagt tagtggtaga ctcagcagga gttggttgct attcagatgt      60
gttggggaaa gtgacaggca tagctgactc ggggtcattc actaagccag gagcccagga      120
agacacacag atgcaagcag agatcggtgcc attacactcc agcctgggct acagagtggag      180
actctgtgtc aaaaaaaaaa nnaannaaan gggccttgng tggtagcagg tanaaaattg      240
aatntcngtt gncatnaggn acctgtntctg tatgatcnct tccattccc cagntgacgg      300

```

<210> 813

<211> 300

<212> DNA

<213> Homo sapiens

<400> 813

```

ccctccttgc ccagagcagg cattgctcat ccactaggca cttcttcctg ccaaggcacc      60
tcttcctgcc aagtcagtgt ctacgatcc ctttcaacac agccacgagg aagccatgat      120
acatcaactg gcaactggcaa ataaaatcaa acctatttgc ctatccagtc ttatccact      180
ttgttgtttt ctctaagtag ttggaaaaca acatgtccag agaaaaatac cagaacttat      240
tctgagtatg ttcttcagag caaaccttta gaatcttaat gatgtttaga cactcaggaa      300

```

<210> 814

<211> 162

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (162)

<223> n = A,T,C or G

<400> 814

```

ctcggagcca ccccggaaga ccatgcgcag aggggtgctg atgaccctgc tgcagcagtc      60
ggtacatgac cctgccctg tggatcgcta agcctggtga ctagctanna cctatntggg      120
gctcntcttt gtttnngana ctacatagga cgatcgtgga ta                          162

```

<210> 815

<211> 300

<212> DNA

<213> Homo sapiens

<400> 815

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ggcaacaaga ccaaaactct gtctcaaaca aacaaacaaa caaacaaaaa acaatcacat      60
tcaaagctta gccaggagaa aaggcgctag gagatacccc actgggatcc ttgaagaatc      120
ataacctaata aatagatgtg aacctgaagt agacaagcga tacaaaatct cagtgaagtc      180
agtctgggat tggtttagct tgatcactcc cattcagctg cctaccagag gactgggcga      240
acgatcactg aagaaagatg ggagtctcta cttttctcat aagttgtttc aatgaaaaat      300

```

<210> 816

<211> 300

<212> DNA

<213> Homo sapiens

<400> 816

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ttgacggcgc gggctctgga ctcgctgctt ggtaaaacc ttcctcttcc tccagtgcgg      60
gacgcactct ctggtatctc ttttgacctc ccggaggctt tcctttgtcg gtcgcggcgc      120
cactgtacta tggcatacct cgttttatta cgcttcgcag atagggcatt ctgaaaacaa      180
atggaggggt tgtggcagcc ctgagtccag caattgtatc agcgccattt ttccaacagc      240

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atgtgtctcac ttggtgtctc tgtgtttacat tttggttaatt ctcaaaatat ttaaaacttt 300

<210> 817
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 817
 cagagcttag acatccaaaa ctaatcaatg ctgaggtggc taaataccta gcctttttaca 60
 tgtaaacctg tctgcaaaat tagctttttt aaaaaaaaaa aaaattgggg gggttaattt 120
 atcattcaaa aatcttgcac tttcaaaaat tcagtgcagc cgccaggcga tttgtgtcta 180
 aggatacgat tttgaaccat atgggcagtg tacaaaatat gaaacaactg tttccacact 240
 tgcacctgat caaaagcagt gcttctccat ttgttttgca aaaaaatgtt tttcatttcc 300

<210> 818
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 818
 gagacctcta acctcccgca gttgagcaaa tacactctga gagacattag ggactgtggc 60
 aaaaagcagg caatccatgt gtgtcactta agccttgagc acagttcagt aggcaacaaa 120
 ccaggaaactg tcctggcaga taagacagac tgtgcaaggc catcgtcacg ggcattgggaa 180
 gggcattaat taccaaagtg gagacacagt cactgtctcc aagagcattt ggaatcactt 240
 cacagagttc tcaaggaggc gaaggctatc tgtcagctcc tggcggggact gctgccccat 300

<210> 819
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 819
 agtgtgatct gcagggagag aaccaattac agtatgcttg gagaggggtga catattattct 60
 gctgaacctc ttctctgctt cacataacgt tggccacttc acctttcctg agatgtctct 120
 gaggatgggc atatttttaa gacttgagct tacatcatcg catcttgaaa gaaccgagta 180
 taattgagtt gctgatacaa gtgggtactt gcaccaggtc cgggtcacc acatctctat 240
 ggaaacacat gtttgcttta aagcccagca atcagaagca gatccttata ggagccagca 300

<210> 820
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 820
 attaaagtty aagcctttct aatttttgaa gggtgagcac tttggttatt catggtttta 60
 tatgacgac atcttttata catogctgca gttttctatt ttgacttgaa ttggaggcag 120
 agctccacca cccagtggtg tegtctgatt tcccagacta gagtccagcc tttcctgtgc 180
 ttgectggct tccctccatg ttgcttcta cccaccatc tatacccttc acatccaaaa 240
 tccaaaacct cacactcata cgagaatccc tgttaggggc gggtttatatt tacacactaa 300

<210> 821
 <211> 272
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(272)
 <223> n = A,T,C or G

<400> 821
 cctcattatc caccacgcac agatggtaca gctggggctg aacaaccaca tgtggaacca 60
 gagagggtcc caggcgcccg aggacaagac gcatgaatgc agaatgaccg cgtgtncctg 120
 nctgatcacc tggggatnac ccctgnaccc ntgtnttgnt caggacntct tatagntnct 180
 nnngttntct tttntntant gttgtnttga tnntttnttn ntttnntgnn gcttnaaggt 240
 ntatgtntn tngtggtat tttanntgat tt 272

<210> 822
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 822
 cagatacagc ctagtgtccc tcagttacac aatagtgtgt cccccagtgg taggacagtc 60
 tactactgag tcctcctggc atgagtcgag ctgagattag gatagggtaa tgacccttca 120
 gttttgggga agggaccaga gctcggccag tgagaagctt ccagctccgt ctggccatat 180
 ccaggctgct gagggctcctg ggctctgtcc ttaaacctca tctactgacat gaccagcaa 240
 acctcctcaa gaggaaaaag tccccttggg tcaaacacag cttgtgcagt tctcggggac 300

<210> 823
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 823
 ctttgccatt gtggctgtgc gagctcagcc tcctggaaac ccgccctgag cttgggtaac 60
 agcattcact ccaggtttag ccagctcca gggtatcgca ggcaggactc ccgagaacag 120
 gttcatgttt gctttttggg aggtgctgcg ctaaagtggg aaaccaccct gggccgagtg 180
 ggacctcccc agctgggagg ctgttaacca gccaggatgt ctgacctga gaagtcaccg 240
 tgcactcttg ggactcattc ttctcatcag caggatgggg tgatggagcg ggccttactg 300

<210> 824
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 824
 ggcagagaat cccttgtaga aaggtggggg agaatcatag gatattataa ctgtaaggaa 60
 catgcaagat tttccagatt atacccttga tagaatagat aagttcctta aggctcagat 120
 cttgcttaaa gtcgtccagc ctgttagaga caagtagaac acgaagctgg cctctggagt 180
 ctttattgag tactttgtac aattggtgta gactgggaga gccctcctca ctccccctt 240
 cttgtgctgt aatttctgt ggggcagaac acctcagagg tttctgtgca tcaaaataag 300

<210> 825
 <211> 269
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(269)
 <223> n = A,T,C or G

<400> 825

gaacaagctc	agcctcatca	acttcaggtg	agtgttgggc	tagaggtaga	ctaggccttg	60
agggtcacagc	ctgctctcca	cacagtgagc	tccagactcg	agattttctc	tcattccatt	120
ttgggttctca	gggaaagagt	gaggcaggca	gcactccccct	gactcacact	ggctttctgca	180
taggggtgctc	tggggaagct	tggccttatg	ccataaggca	tctgggcagg	gccactgnag	240
ctgnctgatg	tagcctgcct	atttagnat				269

<210> 826

<211> 300

<212> DNA

<213> Homo sapiens

<400> 826

cacagaccca	gaacctgcta	tgcggaacaa	ggctgatcag	caacttgttg	aaatagacaa	60
aaaatatgct	ggattcattc	atatgaaagc	agtggctggg	atgaagatgt	cttaccagggt	120
acaacaggca	atcaacacat	gcctaaaaga	tcctgtaagg	ggtttcagac	aagacgagtc	180
ctctagecgt	ttgtgttcac	acctttactc	catgatccgt	ggaaaccgcc	aacacagacg	240
agcctttctt	atttctttac	tcaacctctt	tgatgacaca	gcaaaaacag	acgtgactat	300

<210> 827

<211> 179

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (179)

<223> n = A,T,C or G

<400> 827

gagctgctca	gagctgcctt	gaaggacggc	cactcaggcg	tgccctgtg	ctgtgccacc	60
ctgcagtggc	tccttgctga	gaatgctgct	gtggacgtcg	tgagggcccg	agcactatct	120
tccatccagg	gagtggncct	tgatggcgcc	aacgttcacc	tcattngtncg	anaggatgg	179

<210> 828

<211> 300

<212> DNA

<213> Homo sapiens

<400> 828

gcttgaagtc	tccttggaa	ctttccttgt	ggtgcacatg	ttcttttgat	tttattccac	60
ctttgattgt	cccatagcaa	aacaaagaac	ccacttaatg	gaagaacttg	acattctccc	120
atgtttgttt	caaagccaca	taggcattgt	tctacgagat	gctgctttga	taatgagttg	180
gttatactcc	tgcatectac	tcaattgcat	aaacattctc	taattcctaa	tggaaaggct	240
gaagaacctt	aagcctactc	acttggacct	gctgttgatg	agtgcctggg	atgctgagtt	300

<210> 829

<211> 300

<212> DNA

<213> Homo sapiens

<400> 829

ggtaagtaac	ctgtgcagag	cacagaacta	ggattcagac	ctacagaccc	acaagtcagc	60
ctctaaggcc	cacttataac	tgctcttctg	cttgcaaggc	cctatggatg	aaatccagtt	120
ataacctcct	tttgctataa	ctagacacag	agggaggcgt	ttctccctaa	tctgtattta	180
tccagacaag	ctgtccagca	agattttctga	gtgagggggt	ttaaggaagc	aatctgcggg	240

tgtgtagcct tttctccctc agcaaataca gaaggagctt atagcccggt ctcaccctgc 300

<210> 830
 <211> 296
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (296)
 <223> n = A,T,C or G

<400> 830
 ctgggtcanng gnggctgnnc cctncccnng ccnaccggcc ngccncatgg gtttgccttn 60
 cccggggcnch cennnggntn cngggntggg ngctnnaccn tnccccctc agggntatnt 120
 ttncctntnc ccttncctnc ccgncnanan ntttncnngg ggngggcnaa aaaaaaagtn 180
 aaaagaaaag aaaaaaaaaa aagaaacaaa ccacctctac atattatgga aagaaaatat 240
 ttttgtcgat tcttattctt ttataattat gcgggaagaa gtagacacat taaacg 296

<210> 831
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 831
 gtgggctctc ccttaaagac acatggccac agacacctcc ttgggatatg taatatgcct 60
 tcccctgcgg ccttccgtgg tcacagcaac agggactgct caccctctcc agctggggct 120
 tttctaacaa gcacagtcag aaatgcgcag gcctgggggt ggnggatgaac agaagttgat 180
 tagtggggcac agaaatacag ttagatagaa ggaatagttc cagcattcga tattacagta 240
 gggagactgc atttaacaat aattgattgt atatttgaaa acagctagaa gaataagaat 300

<210> 832
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 832
 ggcacttgag aagtctaaga gaagctctaa gacgtttaag gaaatgctgc aggacaggga 60
 atcccaaat caaaagtcta cagttccgtc aagaaggaga atgtattctt ttgatgatgt 120
 gctggaggaa ggaaagcgac cccctacaat gactgtgtca gaagcaagtt accagagtga 180
 gagagtagaa gagaaggagg caacttatcc ttcagaaatt cccaaagaag attctaccac 240
 ttttgcaaaa agagaggacc gtgtaacaac tgaaattcag cttccttctc aaagtctctg 300

<210> 833
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 833
 ctctcaaata gaaatgggag ataagaaata tatctgtgca atattaaatt gaaaaaaaaa 60
 acccataaaa agtgtcaaag gcaaataatt tgctctagat cacaaaacta gtagcacaa 120
 ggctaggatt ataaccagg tctaggaaaa aatcctgaag gtgatttaac tgagtgttag 180
 gccctgtcaa gccacctgct aaggctcatg gtctttcaga ctagcttcaa cattccaaat 240
 caggcaatag ctacaacgga aagataattg gacggggaat cctgagatca gagtccatg 300

<210> 834

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 834
 cagacaagaa tcttcctgc cgtcccttag tatgtgcagt actggacctg atggtagagt 60
 ttattgtaac acacatgatg aaggagtttc ctatggatct ctatatacgc tgcattccagg 120
 tagtacacaa actgctctgc taccagaaga agtgtcgggt acgctgcat tacacctggc 180
 gggagctctg gtcagccttg ataaatttgc tgaagttcct tatgtcaaata gagactgtac 240
 ttttgcccaa acacaacatt ttacattag cccttatgat tgtgaacctt ttaatatgt 300

<210> 835
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 835
 agaccattta actctacccc acactttcag tgggtgggatg tgaggaagaa agcccatgcc 60
 aagctaactg aaagcttatt tggctccaat tcggctgatg tccctcact gcagaatgtc 120
 ctggaaacca agggtttgca gctcctaaac ctattgcatt aggcacaccc aagaagaaat 180
 cctgttcgat gcacatgctc cagtttcaat cagcaacaag gtcaaaagt tccccccact 240
 ttctgttcca cagtgcgttc cccttgccgc cagacattag gcacagattc atccctattg 300

<210> 836
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 836
 ctcaccaatt agcactgcc cgcaggtct gtgaattgca tgtgaaaata gaatttgctc 60
 agaagtgtc atgcaaattg tgcaacacaa atgtggcctc catgtcaagt cctttcacgt 120
 gttctgacag actcatgtct ttccagattt ctctgatcgg cccccccac ccccttgaca 180
 gttaccagag ctcataagcc aaaggaaata gttcctgttg ccatgagtag tgtgtctgtg 240
 gtgaggttta tgagctgtc ttagggctgg gtttttgct gagaaaacaa tcagatttcg 300

<210> 837
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (300)
 <223> n = A,T,C or G

<400> 837
 ccaacctgct gtcctcaag cccgcttct accagcctgt ggagttcagg aggcgagaca 60
 tcctggcctc ctttgagaac tgatgggatc taccctctgt ccacgcggga cagtttctca 120
 gaactgggtc atagaccacc tgtgtcacca acagccagat acctaatccc tgagcctcct 180
 ttgggaaggt ctggggccga ggggtctggga attttttttt ttttttttngg nacanagtct 240
 nnttnngtca ntgcantcca nccngggnaa caaatcgana ntccntttt aaaaaaaaaa 300

<210> 838
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 838

ctaagcccca	aaacgaactt	caaactgggt	gtgggtggcac	gtgccttttag	tcccagctac	60
cggggaggct	gcggcaagag	gattgcttga	gcccaggagt	tcgagtccaa	cctggggcaaa	120
agagtgagac	cccatctcta	aaaccaaaaa	ggtaccttag	aaggtcacct	ggttggctaa	180
ccttttaaag	gcaggggctg	gacacgtagg	acacattggg	aatgtcttgg	ctactacatg	240
tagccttctg	ggatatatgt	gcccagaggg	agaagcactg	agcctgaaga	aactagatga	300

<210> 839

<211> 270

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(270)

<223> n = A,T,C or G

<400> 839

atnncnntcg	nnaannatnc	nagaaattnn	naagtnttna	ncanananaa	naaatnancn	60
cgcngangna	aaannnnngn	nnnncgaccc	caccagctct	gtataggcct	caaaggggct	120
gggagtgggc	tgcccctcgg	gtaggtgagc	ttggcaacgt	gtcttcagggt	tggagagagt	180
ggataggcaa	atgccataaa	gcacatttcc	agttcctgtg	aaactcctct	ctccgcaaaa	240
agtggagaac	aatttgagga	ctgaaataag				270

<210> 840

<211> 300

<212> DNA

<213> Homo sapiens

<400> 840

gccacttgac	acagtgagtg	gcctcttaaa	tctctcggtta	ctctaccatg	tctggctgtg	60
tgggtgtctt	ctcctgacga	cttggtatgt	ctcatggata	ctcttcaaaa	tctatgccac	120
agaggctcat	gtgtttcctg	ttcaaccacc	atttgcagaa	gggtcagatg	agtgccttcc	180
aaaagtgtta	aatagcaatc	ctccccccat	cataaagtat	ttagccttgc	aggacctgat	240
gttgctttct	caatattctc	cttcacgaag	acaagaagtt	ttcagcctca	gccaaccagg	300

<210> 841

<211> 277

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(277)

<223> n = A,T,C or G

<400> 841

gttctcaggc	cttccaggta	gtcccccttc	tggacttaag	agtgcaaact	cttctctgtg	60
gttctagcct	tgggcagaat	tatatccag	agaccacaga	gcaactgtca	agctgcttac	120
cccctcacc	agggctacag	cctgtgccca	gcccctctaat	ttgtgcctct	cttgtgttgg	180
gggaggatga	gggagggttt	nttncctttc	ctgcnnctgg	ctnctanaaa	gntcanagna	240
cccantgnaa	gananccttta	angnncagca	tttagtg			277

<210> 842

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 842

gagacctcta	acctcccgca	gttgagcaaa	tacactctga	gagacattag	ggactgtggc	60
aaaaagcagg	caatccatgt	gtgtcactta	agccttgagc	acagttcagt	aggcaacaaa	120
ccaggaactg	tcctggcaga	taagacagac	tgtgcaaggt	catcgtcac	ggcatgggaa	180
gggcattaat	taccaaagt	gagacacagg	cactgtctcc	aanagcattn	cnaatccttc	240
acagagtncn	caaggngggg	gaagcctatc	nmncagctcc	ncgcggggacc	ggctgcccc	300

<210> 843

<211> 300

<212> DNA

<213> Homo sapiens

<400> 843

cgaggccagt	tcaggccca	ctttttgccc	tgtgagcccc	ctgcatttct	ggttttctct	60
tttccaggca	gctactcgg	ggagcttctc	tatttaacat	ctagttgtgt	attcatgtct	120
tttggtgttt	ctttcagtga	tgttgcttat	ttccccaatg	acactgttgg	gagcttctta	180
agaacaggct	gtctagggac	aaggatgtga	agtggtagaa	gggaaaagta	ggccgttttag	240
gacctgtggg	tgtgtcatga	ctgtgcttgt	atctcttgtt	agctttgtgg	ccttaggttc	300

<210> 844

<211> 300

<212> DNA

<213> Homo sapiens

<400> 844

actgaatggg	ctgtatctgg	ggaatcaagg	tattaggggt	gagcaaaagc	aagaggaagt	60
agagcatttg	atctcttttc	ctttgattag	gttgaggaca	ataaagtctc	attctctccc	120
ttcttcccat	gggcagcctt	atatatgatt	gaagaacatt	agtgcaaaga	ttcctcatcc	180
agaaataaac	tcttgtactt	ctatactaata	taaagattca	tgtaaattac	taagttcttg	240
gaaaactatg	gagaactctg	tgggggctgt	cattcacact	ttagtatgaa	ttggtttaat	300

<210> 845

<211> 291

<212> DNA

<213> Homo sapiens

<400> 845

actgagtctg	ggggcactga	gtcagagcca	gtccgcctg	cccaccatga	ctgggtggct	60
cttatacaca	tgtactcttc	ccatctccag	gtcccagatg	tcgaggcctg	tcactctctc	120
ttttccccta	ggcagggatg	gaggggcgtg	tcagtccctg	ataatttgga	gtgactggag	180
gggtgggggt	attgatgcat	ggtattccag	taaacttctc	tgcttgtgtc	ctaaaaaaaa	240
aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	a	291

<210> 846

<211> 300

<212> DNA

<213> Homo sapiens

<400> 846

attgaaaaag	agagttcatg	taaagccgat	tattatttaa	tctaaagtta	tggtcacata	60
ggaagcacta	gtgtagagaa	atagggctctg	agggacaagg	agcctgtgtg	cccgtgtcgg	120
cagccgagta	actgccaaagg	gtcccctgct	tggcactctg	ctgtcccact	tgcttccctgc	180
cctctctgga	ttctaacct	tgtgccattg	tgcacccgtc	tcagggtcatg	gtgctgttac	240
ttggtgagaa	agcattat	aaatacccca	gatgaggagt	taggcacttt	ctccagtttt	300

<210> 847

<211> 300

<212> DNA

<213> Homo sapiens

<400> 847

cacctaacat	taggtggcac	ttaatagtga	tgataatcac	ttatggagtc	tactaagatg	60
tttgtgaatc	ccttctccca	ttcaaaaatc	ttgacaaccc	tgtagagacag	atatgtcac	120
cttactgatg	agtacggggg	cttggcaaag	taggtatgtt	gttcatatta	cacagctagt	180
aagtgggaaga	gtcaatatca	tatactccca	gattcagaac	tttaaataac	cccatgctac	240
cttctagggg	aagcttctgc	tatgtgtttg	gaggggttagg	tgagagaaag	gtgaatttta	300

<210> 848

<211> 181

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(181)

<223> n = A,T,C or G

<400> 848

ccggagcaga	gagcgcagga	gccgcgggtac	cccggcttcg	tgctggggct	ggatgtgggc	60
agtntngnga	tccgctgnca	cntctatgac	cgggcggcgc	gggtctgcng	ctncagcgtg	120
cannatggnc	anaatanttn	nccttatctt	tnntgncctg	aanntnnntc	tgnggtncctn	180
t						181

<210> 849

<211> 300

<212> DNA

<213> Homo sapiens

<400> 849

ctccctggta	ccctgactac	caggaagtca	ggtgctagag	cagctggaga	agtgcaggca	60
gcctgtgctt	ccacagatgg	gggtgctgct	gcaacaaggc	tttcaatgtg	cccatcttag	120
gtgggagaag	ctagatcctg	tgcagcagcc	tggtaaagtc	tgaggagggt	ccattgctct	180
tcctgtgctg	gtcctttgct	tctcaacggt	ggctcgctct	acagtctaga	gcacatgcag	240
ctaacttgtg	cctctgctta	tgcattgagg	ttaaattaac	aaccataacc	ttcatttgaa	300

<210> 850

<211> 300

<212> DNA

<213> Homo sapiens

<400> 850

cagagatgag	tcagaacagt	ctcctcaatc	ctgaaattca	acaaggcatc	agaagggctg	60
gctgtgggtca	agccagctg	ctgtcatgtg	aggagatgct	cactgtgggtc	ttgttgagct	120
gatggccttg	gttgagctga	tggacaagtg	aaggaggcca	tggggctgtg	ctgtccttcc	180
tgccgtacgt	gccattccac	tctcttcagc	tctccctcca	acagcatgcg	agcccatacc	240

ttctgcatTT ttccaggcct gtgaggata taggcctccc cttggagcac tgagtccgga 300

<210> 851
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 851
 acggtgtctg gtggagaaga gctgagcttc cctggcccct tctgaaatgg ggtcaggaag 60
 gggatcagga gggggattac cctgatgcct gctgcctgct cccatttgat ccaccacac 120
 agcctctcga ggtaggggct tggcaccctg ttgtccagct gtgtgtggcc tttctgaatg 180
 acgtggttct tgggcatctg agccagtcgc cagccatgtg ccctgcccc caggccctgg 240
 gaggttcctg taggatccca cagctgttgg caagtctgag gtttgccttt gcagatggaa 300

<210> 852
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 852
 gcctccctgg aggattctgg atgattctgg gagcaggctc tggactctac gtgcttcagt 60
 gggaaatctg acacgtttct tatcctttgg gcctcagttt cctcatctgt agaatgggaa 120
 tgacaacagt acctacctca tggggttaag gctcaggcca gttaacaccc taaggagcga 180
 tgctttggat gtcgtaaatg ctagaaaagc atgagttgtt atgaataggt cctggtgccc 240
 cccaccttcc ttccacaaac caagacaacc aaggagccac acctgccacc tggttttgc 300

<210> 853
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 853
 acaagaggag gcttatcggg aggaacagct gattaaccgg ctgatgcggc agtcccagca 60
 ggagcgcagg attgccgtgc agctcatgca tgttcggcat gaaaaggaag ttttatggca 120
 aaacagaatt tttagagaaa aacaacatga ggaaagacga cttaaagatt tccaggatgc 180
 tcttgatcga gaagcggctt tggcaaaaca agccaagatt gactttgaag aacaattcct 240
 taaagaaaag agatttcatg atcagattgc tgtggaaaga gctcaagctc gttatgaaaa 300

<210> 854
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 854
 aatgtatTTT tttagtaagc acccagaggg ctccattcag gctgtTTTTT cagatgcccc 60
 aatgcatatt tgggcattag aagggtctgt gcacttagta gcagcatcat ttacagagga 120
 tagatttgga gttgtccaga cgacactacc agctatcctt aatactttgt tgacactgca 180
 agaggcagtc gacaagtact ttaagcttcc tcatgcttcc agtaaacacc cccggatttc 240
 aggaagcctt gtggacactt catataaaac attagattt gcattcagag catcactgaa 300

<210> 855
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 855

cttttttaag	caaagcagtt	tctagttaat	gtagcatctt	ggacttttggg	gogtcattct	60
taagcttggt	gtgcccggt	accatggtcc	tcttgctctg	attaaccctt	ccttcaatgg	120
gcttcttcac	ccagacacca	aggtatgaga	tggccctgcc	aagtgtcggc	ctctcctggt	180
aaacaaaaac	attctaaagc	cattgttctt	gcttcatgga	caagaggcag	ccggagagag	240
tgccagggtg	ccctggtctg	agctggcatc	cccatgtctt	ctgtgtccga	gggcagcatg	300

<210> 856

<211> 300

<212> DNA

<213> Homo sapiens

<400> 856

ctgacctct	cctcagagaa	agcactggcc	aaccagttcc	tggcccttgg	ccgtgtgcca	60
accacagcca	gagagcgagt	gcccgcacaa	aagacgggtg	atctgcagtc	acgggcgcgg	120
tacaccagcg	agatgcggag	tgagctacta	ggcacggact	ctgcagggtga	gtcaccatga	180
acacaacagg	acttgagggc	cagctgacta	ggacaagaca	tgtatccttg	ctgccccggg	240
gcctccatgc	cgagactcca	tgccctgact	ccaacaggag	catcaccaa	ctacacctgg	300

<210> 857

<211> 300

<212> DNA

<213> Homo sapiens

<400> 857

ggagggcagg	agagtgacca	agcagctaga	agagaggggtg	cagcacccca	aggagaggac	60
tgggggagtg	ggtgttccag	gaagggtctt	ggcatgtaaa	gctgcacaga	agtcaaata	120
gataaagcct	gagagggatc	catgggattt	cttggcaaag	ggattgttgg	tgataccagg	180
aagagcagct	tcagtggctc	atggggagag	aagccagatt	acaggagatc	agcaactgag	240
agagtgagtg	gagagcatct	tttaagaatg	tcttgagtgc	gggccggctg	cgggtggctca	300

<210> 858

<211> 300

<212> DNA

<213> Homo sapiens

<400> 858

ggagtgggga	gagggcccac	acatattgga	aatgcagtgt	ctgtctcctc	ccctgaactt	60
ctggaaggat	caaatactgat	acacacaggc	aggtgtgttc	aaagtgtcct	gggggtgctg	120
atggaagaaa	gtgggagtg	ctgccatggg	ctgggtcagt	taacaccg	ggtcggcagg	180
ctgatgggtc	aggagagact	gagtctacct	cccctttggg	agggatcaga	aaaatcagag	240
aaggggagct	gaaggctcca	cagcaggggg	ctgtggactc	aggctgaagg	acctctgagt	300

<210> 859

<211> 300

<212> DNA

<213> Homo sapiens

<400> 859

cacttgtcag	gggagagggg	acagcaaggt	gggaggttga	agagctttga	ggctcagcag	60
catgtttgtg	gcattcggtg	gacaccatgg	ccttgggcgg	ctggacaggt	ttttgtgatg	120
tgagggacac	gcatggggca	catggttaagc	ttggcaaggg	ctccaggaac	gctgacgaag	180
ggttttagga	ccccacccc	catgcctgta	ccagggtctg	cctccagagc	gggtgaggac	240
agagcagctg	tgggcttttc	attctgaggt	cctggccccc	ctggccaccg	caagggactc	300

<210> 860

<211> 300

<212> DNA

<213> Homo sapiens

<400> 860

tttcagcttt	cgttaccagc	aggagctgga	ggaggaaatc	aaggaattat	atgagaactt	60
ctgcaagcac	aatggttagc	agaacgtctt	cagcaccttc	cgaacccttg	cagtgtgttt	120
cacgggcatt	gtagctttgt	acatagcctc	aggcctcact	ggcttcatag	gtcttgaggt	180
tgtagcccag	ttgttcaact	gtatggttgg	actactgtta	atagcactcc	tcacctgggg	240
ctacatcagg	tattctggtc	aatatcgtga	gctgggcgga	gctattgatt	ttggtgccgc	300

<210> 861

<211> 300

<212> DNA

<213> Homo sapiens

<400> 861

ctcggacctt	atcagcagca	tcacgcagga	ctaccacctg	gatgagcagg	atgctgaggg	60
cgcctggta	cgcggcatca	ttcgcattag	taccgcgaaag	agccgtgctc	gcccacagac	120
ctcggagggg	cggttcaactc	gggctgctgc	cccaaccgct	gctgcccctg	acagtggcca	180
tgagaccatg	gtgggctcag	gtctcagcca	ggatgagctg	acagtgcaga	tctcccagga	240
gacgactgca	gatgccatcg	cccggaagct	gaggccttat	ggagctccag	ggtaccacgc	300

<210> 862

<211> 300

<212> DNA

<213> Homo sapiens

<400> 862

ataacctcgg	ctgtttacag	tgaggcccgg	agcgtcttgg	ctgccgccct	gtcccacgca	60
gtctgtttca	gtgcagtga	ggaaccgtgg	agcatgcaac	acatcccggc	actgttttctg	120
gcctttctgtg	gcctcttggg	cgccttttct	taccatctga	gccgtcagag	cagtgaacca	180
tctgtactca	tgctcttcat	ccaatgcagg	ctgtttccta	aattttttaca	tcaaaatctg	240
gcagagtcag	ctgctgaccc	tctcccgaag	aagatgaaag	attcagtgac	ggatgtctta	300

<210> 863

<211> 300

<212> DNA

<213> Homo sapiens

<400> 863

ctccaacctg	caggtgcctc	ctccagagcc	agctctgata	ctcattttta	aaaccatccc	60
agccaaccaa	cogtaggaga	acctcgaagg	catcttggag	gtccctgtct	ctgccaggca	120
ctccctccct	gtcttctcag	cacctgctg	gcatacaaa	gaaatgtggg	ccaaagaccc	180
tcatcccaca	ctaagaatgg	tccaacagaa	accagcctgg	tcccagggtg	ggctcaggct	240
caggccacgt	gccaccaagt	catctatgtg	aatatagtga	taaaaatgcc	caacgttgac	300

<210> 864

<211> 300

<212> DNA

<213> Homo sapiens

<400> 864

ataacgcccg	tggtgcccc	tccctatagg	agctgggtgag	attgcagcct	gtgcctccc	60
ctccatcagc	cacagctatt	ggatttcccc	cccagaatct	ttaggtaaat	gagatcatga	120
ttctggaagg	aggtgggtgta	atgaatctca	acccggcga	caacctcctt	caccagccgc	180
cagcctggac	agacagctac	tccacgtgca	atgtttccag	tgggtttttt	ggaggccagt	240

ggcatgaaat tcctcctcag tactggacca agtaccaggt gtgggagtgg ctccagcacc 300

<210> 865
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 865
 actccatctc aaaaaaaaag aaagaaaatg aaaaatgggt gagaaagtta agtaacgtcc 60
 tgaggctgga ggggccccgc tcctcctcac cttggggaga aggacagcgt gaggctagcc 120
 tgcctacac tgggtggccc cttcccctgg cctgaagtgg cagcacctgc aggctaaacc 180
 agcacatgca tgagggtgc tgggccgggg ctttggggagc agccgatgct cctaaaaccc 240
 tgctctgggt ggactcttgg gatgcagttt ggggtctgtgt ctggggctgg cagacaagcc 300

<210> 866
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 866
 ctatggcata aatgaggaac aatgccagag acccatccag ggcgacggtc agaatttcca 60
 cagacacaat gggttgatca aaatattacc ggcatttcct gcagatcacc ctgtgcgtgt 120
 gcgagctgta tggctgctgg atgaccttcc tcccagagtg gctcaccaga agccccaacc 180
 tcaacaccag caactggctg tactgttggc ttacacctgt tttttttaac ggtgtgtggg 240
 ttctgatccc aggactgcta ctgtggcagt catggctaga actcaagaaa atgcatcaga 300

<210> 867
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 867
 gggacctcga tcatgacagg tcatcagcc tgtgcctgac ccttctcagc gtgaccccag 60
 acatcctgca acctgggggg acattccttt gtaaaacctg ggctggaagt caaagccgtc 120
 gggttacagag gagactgaca gaggaattcc agaatgtaag gatcatcaaa cctgaagcca 180
 gcaggaaaga gtcacagaa gtgtacttct tggccacaca gtaccacgga aggaagggca 240
 ctgtgaagca gtgaggattt cttgtgccat ttccataatg gtcattagct ctttttaagc 300

<210> 868
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 868
 cggtcttggg attgggttcc ggattgctga gattttcatg cggcacggct gccatacggc 60
 gattgccagt aggagcctgc cgcgagtgt gacggccgcc aggaagctgg ctggggccac 120
 cggccggcgc tgcctccctc tctctatgga cgtccgagcg ccccagctg tcatggccgc 180
 cgtggaccag gctctgaagg agtttggcag aatcgacatt ctcattaact gtgcggccgg 240
 gaacttcctg tgccccgctg gcgccttgtc cttcaacgcc ttcaagaccg tgatggacat 300

<210> 869
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 869

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agtgagtggg cttacaaaa atccagtatc cttgccatcc ttgccaaatc ccactaaacc      60
aaacaggcgt tccttctgtg cccagtccta gtattcaaag gaaccctact gccagtgtgt      120
caccattggg aacaacactt gctgtgcagg ctgttccaac agcacactct attgtacaag      180
ccacaaggac ttctttaccc acagagggcc catcaggact ctatagtcca tcaactaatc      240
gaggtcctat acagatgaaa attccaattt ctgcatttag tacttcgtct gctgcagaac      300

```

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<210> 870
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 870
gccaggaggg cctccagggg ttccttgtgg aggctcaccc agacaatgcc tgcagcccca      60
ttgccccacc acccccagcc ccggtcaatg ggtcagtctt tattgctgtg cttcgaagac      120
ctgccccatt tgcaagcagc ctgttcatcg gggtcctggg gacgaagacc aagaggaaga      180
aactcaaggg caagaggagg gtgatgaagg ggagccaagg gaccaccctg cctcagaaag      240
gaccccactt ttgggttcta gccccactct tcccacctcc tttgggttct tagccccaac      300

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<210> 871
<211> 292
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(292)
<223> n = A,T,C or G

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<400> 871
gcctgatccg ccagcagcgc ttgctcgcgc tctgtgaggg gacgctcttc cgcgatgatca      60
gcagccggcg gcgccaggat aagctgtggg tctgctgcct gancccccanc canaagctnn      120
tncagtnccg anaentggag gagggcncca gcccttctac cctgnagagt ttntccnagc      180
ancttnnctg tggecgactt gaggnntcct tntgncnngn ttangattgc tnccatnttn      240
gggagnatgn cttttnntag ctttttnngg tnccttntna tttnnncttt tt          292

```

```

<210> 872
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 872
gtcattccca tacaatgcaa catccggaat gaggaggagg agaataatth ggtcaaactct      60
accttagata cttttggtaa gatcaatttc ttggagaaca atggaggagg ccagtttctt      120
tcccctgtcg aacacatcag ttctaaggga tggcacgctg agcttgagac caacctgacg      180
ggtaccttct acatgtgcaa agcagtttac agctcctgga tgaaagagca tggaggatct      240
atcgtcaata tcattgtccc tactaaagct ggatttccat tagctgtgca ttctggagct      300

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<210> 873
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 873
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ccccctgaag ctcgtgatga tcgttggcat cgattgttac catgacatga cagctgggcg      180

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gaggtcaatc gcaggatttg ttgccagcat caatgaaggg atgacccgct ggttctcaag 240
ctgcatatth caggatagag gacaggagct ggtagatggg ctcagagctg cctgcaagcc 300

<210> 874
<211> 300
<212> DNA
<213> Homo sapiens

<400> 874
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aagatatgca cttatttggc cattaccag cactgacga cttctatctc gtagtgtagca 120
gtgcctgtaa ccaggctgctc aagccacagg ttttccagtc gcaactgcggg agaaagcaag 180
acaacaggag aaatgaaggc atctccagga gtggaccaga gagcagccaa gccatagaga 240
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<210> 875
<211> 300
<212> DNA
<213> Homo sapiens

<400> 875
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ggttaactac ctcagtagca gaggattgaa ctataccctg tctgtactgt acatagaaaa 180
tctttgtaga taaaagcaag gcttggttaa tatgatatga gggtaagatt ttaatatacc 240
aaatgtaaca ttcttagttg ccttttagttt cagaggcttg taagacttcc tcatgaccat 300

<210> 876
<211> 300
<212> DNA
<213> Homo sapiens

<400> 876
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ttagaagatg agtatgaaa agctcattcc ctcagggagt tgagtgtttc agagggatga 120
agtaaaagaa gatttttaaaa ctacaagtag agtgtaagaa gtatcacgag aaacatcaac 180
aaagggctga ggatagaagg tgataagtct caagtatctc aagatattca gcagtgaatc 240
ttaacataaa tttgctttta ggggaagaat ttcaagcata ttgataggct ttaaattttc 300

<210> 877
<211> 300
<212> DNA
<213> Homo sapiens

<400> 877
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tctgtctcgg gatcctcagg aattccatca gcctcgtggg gttccttttt ccctgctcct 120
ggaggcaaat tatatgcagc aaaacgtaga actagtcttg tggattttct ttggtggagg 180
agcatacacc aatgggttcca tgtaaaggct ccagaatcag aactggcgct acaccttggt 240
gtcaccctt cctgctgagc ctgtctcccc aggagtgaat tgagggtaat attcctccta 300

<210> 878
<211> 300
<212> DNA
<213> Homo sapiens

<400> 878

gagaggtttg	tcactgggtg	caaggctaag	atgctcagtt	aaagcaggaa	attacgttgt	60
ttggctgaga	aatacgtgta	atctctaagt	gtgattattg	caagtaaaaa	tgagtgatgt	120
ttcaacaaga	gggttattgt	aattcagggg	atagcaacaa	ttttaatgta	agcgagaaga	180
tgtttgtaac	acttcacaaa	aaatagtact	gtatcagttc	agtgtccact	ttcctccaaa	240
ccttcgtgcc	cacgcacaca	cacataaata	catgcaggat	tcctgagcag	ggaaggatcc	300

<210> 879

<211> 300

<212> DNA

<213> Homo sapiens

<400> 879

cctagtgtggc	catcagactt	tcagcaactt	ttatcatcca	gatagtcacc	aaatgaaata	60
aaatagaaaa	atcccttgag	caatgaaaca	attgtgaatg	aacacaaagt	ccatgaattt	120
aatccttata	cgtttgctga	gccaaagcatg	tgcactctgca	gtgggtggcc	caggctggca	180
gcacagatac	caccatttcc	cttttctttg	ctcagggcat	ggcctgttta	tctcgttgca	240
ccagatgagg	gttggaagg	atgatgggtg	tggttggttc	agatctactg	acagcaatga	300

<210> 880

<211> 300

<212> DNA

<213> Homo sapiens

<400> 880

ctgacacaaa	attcaggtac	tcattgattat	aacctgatta	cagttctaca	gcagggttaat	60
gaagtttaaa	taattagaat	ctattgtcgt	aaactattaa	aactgggtct	ggtcacttcc	120
tttgaggtga	gtaatagtga	gagtgtctatt	ctttcttacc	tcctggggagc	ctgaggcacg	180
atgcagagaa	gaacctcaca	tatcatgcat	catcagagga	ctagagtga	ctcaggaaat	240
atttgctctt	gtcacatttt	cttcaccgga	gctagagact	ttttactagg	aaaaactgcg	300

<210> 881

<211> 300

<212> DNA

<213> Homo sapiens

<400> 881

aatgctgaat	acctaatagt	ttttccaaaa	ttgggtccag	tggtttacgt	cttggatctt	60
gcagatagac	tgatctcaaa	agcctgtcca	tttgctgcag	caggaataat	ggtcggctct	120
atctattgga	cagctgtgac	ttatggagca	gtgacagtga	tgcaggttgt	aggtcataaa	180
gaaggtctgg	atgttatgga	gagagctgat	cctttattcc	ttttaattgg	acttcctact	240
attcctgtca	tgctgatatt	aggcaagatg	attcgctggg	aggactatgt	gcttagactg	300

<210> 882

<211> 300

<212> DNA

<213> Homo sapiens

<400> 882

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gcacaactct	gccaggaaac	tgccagatag	gagtcaggga	tcaggcctag	aacgcagact	120
gcagaaagga	gcagatgtaa	aagcagaaat	ttaaaacttg	cttttccctg	tcctcagact	180
cttgaggggtg	gccatttgcg	taagaagcag	ggagccaaga	acattcatac	tggcctcctg	240
cttagcctta	actgaaatag	gccccacgt	aggatgtggg	cctatgtgaa	cttggctggt	300

<210> 883

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 883

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tggaaccagct	tgtggagcca	taaccagga	gctcagggac	attgagtga	ggtttcttac	120
tcctacctgc	tgccctgtg	gctgtccctg	gtggccagcc	cagctgcagc	aaaacctaca	180
aagcctccag	ccatggtagg	cgtcttggac	ctgccccagt	cagctggggc	ttgggctgct	240
aggggttttg	gcacacgtcc	atgtttggcg	gagggtgtgc	cttcaaacc	tgaagggcct	300

<210> 884
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 884

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gcccacagcg	tggtcaggaa	agagaagtag	ccactggtgg	ctcctggcat	cctcctgctg	120
ggcagccct	tctcaaagt	tgaggggtcc	ccttggtgtac	aagcaggaag	gctctgagaa	180
agtcagggtt	gtcctacca	caggataatt	ccgatgaacc	tgaaaagcgg	gttttggctt	240
gtgtgcagg	actctggtg	aagaaagggt	gacagcacct	ggcctgggca	tgacacaagt	300

<210> 885
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 885

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ccgttttggt	gagaaatgcc	agaaacagct	tcagtttcca	cctactgctt	catatttata	180
atcacagtaa	tctattttctc	gttttgctat	ttctagagca	acaaattgtg	tgatgcgaaa	240
ttagtaccag	aggaacaatg	actccactta	acaaaaaat	agcatgggat	ctatgaaaaa	300

<210> 886
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 886

gagaatactt	tatacttctc	agcttcttgt	gtatttgact	gtgacctggt	tataccattt	60
gccactgtga	ggcttagctg	tgcattctgt	aatgggagat	tgttcttaga	gattgggtcat	120
agttgtccac	ctgcctcgga	aactgcagg	acaaatgcag	cagcaaagta	tttacattct	180
tacttcagg	ctgatctcct	atttctatca	gtccttttga	aggcagagaa	tgtaatttg	240
gaacaacctg	catatttatt	caaatttcca	gagagatgaa	actttcagaa	tgctgtgctg	300

<210> 887
 <211> 206
 <212> DNA
 <213> Homo sapiens

<400> 887

caaacctgtg	tcaaattgag	aattactggt	tttctgaaag	ttgcaagaaa	ttaccaatga	60
attagccatg	gatagaaatt	gaaggtagt	gggtgaaagt	tttcagtctt	accagtaaaa	120
acaagtgaga	atgcactgac	gtccaggga	aaaaaaacag	atgggggtcag	ctttcattgt	180

ttccccattt tacaaaacca aagcca

206

<210> 888

<211> 300

<212> DNA

<213> Homo sapiens

<400> 888

ttttgaacta tcaactagat ctgggaagat agaacaggca gcatcagatt gccttgttta	60
caaagtgtca tcacgaaaag tgttcctcta ggaaggcata atatgtggcc tgatggattt	120
gatgagtaga ttgtaaaagg gttgggattc tggcagaaca agaagagata actaattagt	180
ggaattaact gagaaaagag ttcattagca tgttggctat tagactctaa taaaaatggg	240
tgtgaaaaga tgggatttgg acctagaggc agtcttagag ccataatcct ttttttctcc	300

<210> 889

<211> 300

<212> DNA

<213> Homo sapiens

<400> 889

ggtgaacaaa aatggcccag attcttattc agaaaccaat tcacatttta aaaatatata	60
ctgtacacta ccccatcctc ttcctaatac cttaaagtga ctaccctaaa acaccaagca	120
gtccttctta cagtttggtc cctcctgaca gttcattgat tacaatgtga aagcaccaac	180
ctgagctaaa atgaaatgag aagcctgatg tttcaggcac caagtacttt aaaaatgtct	240
actggctgtc ctgcagcatt ttacttaatc attttttaga ggagggatga ggactgggtg	300

<210> 890

<211> 300

<212> DNA

<213> Homo sapiens

<400> 890

caaaggccgt cacaccaagg tcaggccagg agcctaggct aaaggaaact tcaccaccgg	60
ggacatcagc tgctgtggcc agagaagaga acatgaaagc ccacatcccg tgccctgcagc	120
cacccacttt gctgtcactt cccagctgaa gtgaggaggg actgttcaga aacatcgaa	180
tgagcaaggt ctctgtctac ctcatggaaa acctgatctg gaaatgacac ttggaataaa	240
ataagattac tcttccatta aaaggaaatc caccctaaaag agagaaatag tggatatatt	300

<210> 891

<211> 300

<212> DNA

<213> Homo sapiens

<400> 891

cggacctcta gtgcctgatg ttcactttct tcaggctctc aatttcctac atttaagctg	60
ttcgggttaa cttttccata ttcagcttga gatcaacctc ctttacataa ctgattattt	120
ttgccttgag gagaaaagat gacgctaaac acagcacaca tgtgtttatt atatgttgg	180
aatgtggaat tcaaagatga aagagacgtg agctgcatca ctaaaaaaga aacatattac	240
ataaatgcaa tgctgatatc atagataata aaattaacac taattttttg atattatcaa	300

<210> 892

<211> 300

<212> DNA

<213> Homo sapiens

<400> 892

atagaacatg	tcacacacga	actggaaact	gattctgtgg	gcgacaagag	tctatagtaa	60
acgttatgac	agattctttg	aatgcgctaa	tctcagactg	gactaaagtt	gggattaaat	120
ttaatttgta	cttgagttca	gtgcattgct	gttctgggca	taggaaatcc	aggttgctgg	180
tgatgaacag	ctgaaaagag	ctgtgtcacc	atggttgctc	ctgtcagtc	tgtgaccacc	240
cttacccttg	taaaatcaag	caagggagag	attattttct	aatgtaaatg	aaaataaaaa	300

<210> 893

<211> 300

<212> DNA

<213> Homo sapiens

<400> 893

gaagttgaaa	tcctagttcc	tggagtcctc	tgtgatggca	aattctgect	tccttgtttc	60
ttcttttttt	ctcctctggt	ttcccatttt	agtagttcaa	atgggttttg	tattattgaa	120
gacaggtatg	tctcaaatcc	atggaactca	caaaaaaggc	tcattttcta	tcctcaagga	180
gctttacatc	taatggaaaa	cacacagtga	agtccagaag	gactcactgt	ggactggtag	240
caccatgagg	gctttccatg	aagaaggact	taagccagac	ttagcagggg	gggcaggtgt	300

<210> 894

<211> 300

<212> DNA

<213> Homo sapiens

<400> 894

atttgectta	atcttggtt	actagtaatg	ctatctgcgc	tgtgcgtcta	aagcctccag	60
aaagattgct	caggcatggc	ctaatagctt	ttatcagttc	actcagtgge	tcttacactt	120
tgatacctga	aacctagagt	taactgtgta	ggaccaagct	cttctgaagg	agtcaactgc	180
tctcctctgt	caataatggc	tgtttatgcc	aaaacagcca	agagaacctc	cccacccctt	240
tccctctgtc	aaagtgaat	ggaacctaat	aatggaagct	agtggctatt	ttgccatacc	300

<210> 895

<211> 300

<212> DNA

<213> Homo sapiens

<400> 895

ggtggctggg	cgctacaga	actgctgccg	agcagcagcc	aattactgcc	gaagcctcca	60
gtaccagcgc	cgttcctccc	ggggctggga	ctgggggctg	ctccctcttc	tgcagcccag	120
ctccccagc	tccctgctct	ctgctacgcc	gatcccttta	ccccttgac	ccttcaccca	180
gctcactgct	gccctgggtc	aggtattcag	ggaagcactg	gggtgccata	tagaacaggc	240
aaccaagaga	acgcggtcag	aaggaggtgg	aactggggag	tcctctcagg	gagggacaag	300

<210> 896

<211> 300

<212> DNA

<213> Homo sapiens

<400> 896

gtgatagaga	tcattgccgt	tgggttgctg	agttctcccc	ctcgttgtaa	ttcagcaggc	60
ttcccagtg	tccctgcac	ctcatctgtg	aggccgactt	cactatcatt	cccacttata	120
ggtggaggag	actgaggcac	agagctccca	aagccccaca	gctggcgagt	ggcagggcta	180
gcgtgcgatg	tccactagac	tgggtgtctga	cgcagaagct	gcgttctca	cccctgggat	240
ctggaagata	attctgatgt	gtgagatcca	ggagaatgca	ttgttttagc	agaaaatgtt	300

<210> 897

<211> 300

<212> DNA

<213> Homo sapiens

<400> 897

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cagttaaagg	gcctactttg	ccactgctgc	ctcctttctta	atgctgaacc	tcctctccca	180
caagggggca	gtctcagcag	gtgtcagctg	agccatgtgt	catctgtcca	ggctaactgc	240
ccacacatcc	ttctgcaaag	ggtacctctt	ggttatcagt	gtcactgat	ccctatataa	300

<210> 898

<211> 300

<212> DNA

<213> Homo sapiens

<400> 898

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atthagattc	attcctctgt	ttgttgaggt	cattgaagcc	agtatatacct	ggacattttt	120
taaagaggtc	cccattctga	gaaaagacag	gagttgaatg	tcttattgat	tcttaccttt	180
ctgttcgtta	tagacgacca	gaggaaacaa	atgcccagaca	cggattcgac	tcagtcataa	240
gtgtgaacca	aataggccga	tctgggttct	ctcactgact	gaagaggaag	agaaataaga	300

<210> 899

<211> 297

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(297)

<223> n = A,T,C or G

<400> 899

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nctggmntna	aantgngtnt	taangnangt	gangagnncn	taaaattttt	ancntgngg	120
nncccccccc	tttttttttt	gcattgtatg	tcaaaagcgc	ttgttctttc	gtgcatgtgt	180
aagatttaat	ggttccattg	tattattttga	ccatgacatt	ttggagaaac	attcccagct	240
gtaatgttgt	gtatggtagt	tctcactgga	tgctagagtt	ttcaaaacca	ctatttct	297

<210> 900

<211> 300

<212> DNA

<213> Homo sapiens

<400> 900

cttgtttttaa	agataattgc	tagattttatg	ttttagcttt	ccataaaatg	gaataacata	60
aaataaaaata	taaataaaaat	atgaaataaa	ataaaagcca	tggggaaaag	gtaggggttg	120
attgctaata	agaaattttct	tggaaaagag	actagctctc	ttttggtttt	ccaaagtcca	180
cattttataa	catttttagt	gcttggtgtt	tgcttggtgt	attacattag	ataaaaatgt	240
atcacagtgt	tggttttatac	tggatgttta	aataggattc	attgaaaggg	gtgtgttttc	300

<210> 901

<211> 300

<212> DNA

<213> Homo sapiens

<400> 901

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gttcttttgag	gtcaggtaga	ggttatgggg	ggagcactac	agtgagcata	tacccaaaat	120
gaagccagac	ttccaaggta	cgttctcact	ggagagggag	cttaatggta	aagtttaaac	180
tttaagggtt	taggttttag	attaaggccc	aggagatcca	aggggaagga	ggagggtagg	240
aatcagaga	taagaggagc	tgttgtcatc	gcagggtatag	taataattaa	gatatgttaa	300

<210> 902

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 902

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agggttggtga	gagaagctcc	cctgagctca	cctgtctctc	tgactgcctt	ggagtaggtg	120
gcataacctt	gtgcacagag	aactagaaaa	ggggcagaac	cccggccttg	cagttgtggc	180
aggtttccac	tgtggttaagc	taggttcatt	cctcatcaag	gaatgtgtag	cagattgttc	240
actgtggagg	agttaattat	agaatgggtt	attgttgnta	ttcttactca	tgaagttaca	300

<210> 903

<211> 300

<212> DNA

<213> Homo sapiens

<400> 903

caaagcttga	tctattaata	tattgatcag	agttccatga	tccttttcta	aaatgggtggc	60
tttattttgc	cagaataatt	ctgcagggtg	tttttttttg	gacggagtct	cactctgttg	120
cccaggatag	aatgcagagt	ggcacaatct	tggctcactg	cagctcttgc	ctcccagttt	180
caggagaatt	gtgtgaacct	ggaaggcgga	gggtgcagtg	agccgagatc	aatcaccact	240
gcactccagc	ctgagcaaca	gggcaagact	ccatctcaaa	aaaatttttt	tttggattta	300

<210> 904

<211> 300

<212> DNA

<213> Homo sapiens

<400> 904

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aggctttcca	tgggtgcttag	gagcaggggt	ggggttgtta	tcataacctt	agcaaagtta	120
caagggtaat	ccatatgggg	tagcctgggtg	tagagagtca	gggccccagc	aacattaagg	180
acatccctgc	aggatggcag	ccaggcttgg	gggtacaaga	ccctaaacag	gatgatgaga	240
gcctcccca	ggagagggtcc	caggatataga	gtgtcagagc	ctgagcagat	gaggaaggca	300

<210> 905

<211> 300

<212> DNA

<213> Homo sapiens

<400> 905

tttgaactcc	cttagcaagc	tacttgtctt	tttgcaggat	cccatcggat	tgtctgtctcc	60
tttttcagat	attactggat	catcagctgt	aaaggctcta	tgtttaatta	tgtctagcat	120

ttgaatggta	acagcgcaga	tgttacctgc	ctataatcct	cctcctctct	acagattttg	180
ctttgttctt	gcttcttggt	tttgagatcc	tgcacacaag	ttgaaattaa	ttaaaaacag	240
tagagcaact	tagtctggat	aagccttcat	ctggcaaata	atgttacact	gccagagatt	300

<210> 906
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 906						
ccaagatgcc	aatttccatg	aagtcttgat	ttatatatat	gtacacatgt	tatgcacata	60
catgtttgtt	ttctaacagt	tattttttta	gcttttgaga	taattttaga	cttacagaag	120
agttgtaaaa	gtagtagagt	tcttgataac	tctgcaccca	ccttgccctt	atgttaacat	180
cttacgtaac	aatagaacat	ttgtcaaaat	taagaaatta	accttgatat	aataactaact	240
aaagtagaaa	gtttaaaaag	tagagatttt	agtcttttca	ctaattgtct	tttactgttc	300

<210> 907
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 907						
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gggatttgag	ttccttacag	aattttctgt	aatttagtac	ttcaagtga	ttataaatgt	120
atatacttct	ctctcacaaa	agtgttagga	gaaggaaaat	cttaaatact	agcttgattt	180
cttaatttaa	taacaaaaaa	caattctcat	aacatgtatc	acctaacatg	tcactttcac	240
tttaaaagtc	taaagagttg	aggtttattt	cttttctttt	aaagttgatg	tttatgttgg	300

<210> 908
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 908						
tcaccatgtt	gcccaggcta	gtcttgaact	cctgggctcg	aatgacctc	ccaccttggc	60
ctcccaaagt	gctgggatta	taggcgtaag	ccactgtgtc	tggcctagt	tatgattatg	120
catgagtcac	gcaatgttct	ggctctggat	tccaggagta	gaggacctag	ctttaaatca	180
attagtttca	gctaaactga	ctagaaccag	gtcaaagtgt	aattctccct	ccagctcccc	240
caaaactaga	gttgggggga	actggaggga	gcaaaacact	gatttgatac	tagtcagttt	300

<210> 909
 <211> 147
 <212> DNA
 <213> Homo sapiens

<400> 909						
gtcttctctg	gcagggtgct	ttggtagcca	tcagagagga	accaagggca	acatcttttc	60
ttcccaggcg	ttcttctctg	ggtgctttat	ttcttctttt	ttcttttatt	cgccccacc	120
cccatccctt	gccttttttt	tttttttt				147

<210> 910
 <211> 274
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (274)
 <223> n = A,T,C or G

<400> 910
 ccaacttgga tgaaggccag cgcagagccc aaactttgtg aatcagtaac acgtgtatgg 60
 aacattcact tacatgcaca gaggtgccaa gggacagcct aatttaagat tcatataaac 120
 acatttatct ggcaacataa gttaatatgt tggtaggagt cccaccaagt taaaattcta 180
 aagtgtttga atatgggcat ttttaaagaa agaatctgca taccataaat tcacgctttt 240
 aagtgtatga ntcannggna anantggatn nnca 274

<210> 911
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 911
 aacagataga gacttgggtct taaaaaaaaa ggaaaagaaa aggaaacaaa aaattatctg 60
 ggcctaaagg tgtgtgcctg tgctcccagc tacttgggag gctgaggtgg gaggatggct 120
 tgagccctgg aggttgaggc tgcagtgagc catgattgtg ccaactgcgt ccagcctggg 180
 tgagagagca agactctgtc ttttaataata ataataataa taataaagtg gtcaggaagg 240
 gacccccagg gaggagcata aacctctcca gtggctgtga tttgtcagta aggacatggg 300

<210> 912
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 912
 gcaactcctc tccaatgagc tactcctgac acaaatggag aagtgtgccc tcatggaagc 60
 cctggttctc attagcaacc aatttaagaa ctacgagcgt cagaaggtgt tcctagagga 120
 gctgatggca ccagtggcca gcatctggct ttctcaagac atgcacagag tgctgtcaga 180
 tgttgatgct ttcattgcgt atgtgggtac agatcagaag agctgtgacc caggcctgga 240
 ggatccgtgt ggcttaaacc gtgcacgaat gagcttttgt gtatacagca ttctgggtgt 300

<210> 913
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 913
 cagaatccct ttttcctttt tttgttaaaa gtactcatcc ctaatattac attgttctgg 60
 aaggactgaa aataacagaa ctcagcacca tgatcggacc gggacaatca gattatttca 120
 ttctcagca aacggagatc gatccgaaaa gtggaaatat gagctcttct ttggtgttgg 180
 catatggacc ctgagagaaa gaactttaat tttttctctt ggactgcaat aaagtatagc 240
 tgcctaaaat acgttttctg acacttggag gtttgtccac aatcgggaaa taaaggcaag 300

<210> 914
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (300)
 <223> n = A,T,C or G

<400> 914

cctaaacaga atcccttttt cctttttttg ttaaaagtac tcatccctaa tattacattg	60
ttctggaagg actgaaaata acagaactca gcaccatgat cggaccggga caatcagatt	120
atttcattcc tcagcaaacg gagatcgatc cgaaaagtgg aaatatgagc tcttctttgg	180
tgttggcata tggaccctga gagaaagnac ttttaattttt tctcttggac tgcaataaag	240
tatagctgcc taaaatacgt ttcctgacac ttggagggtt gtccacaatc gggaaataaa	300

<210> 915

<211> 300

<212> DNA

<213> Homo sapiens

<400> 915

ggcaaatagc cctaggagtc ccattttttt aagctgaggg aaataatttt caagaagctt	60
gtcttactag tagcatcatt ctttttttact ggctcacagc ttggaagggg tgatgggttt	120
tcctatgaaa gctaacaaca tttgagcaga tccagtgtgc tggtagtca cagtgaaggt	180
gtggagtgtc aaggaagcct cctgggtggaa atgtaagttc agagaagggtc tgcagaaaat	240
acaggggtgaa atgttatcaa ggagccaggg tattatttaa gaagaggagg gaggggaaaa	300

<210> 916

<211> 300

<212> DNA

<213> Homo sapiens

<400> 916

tccaagagga gaagcatgtt ccaaaaccct taactttggg aatttagaac tagctttttt	60
actatcttct gcacagcata acttcagtct ccctttacta attcaaggaa atctcagtga	120
acaaattgta taagggtaga tgagctaaaa gctcactgag tcattaattt gtcataactc	180
atctaaatac aatgatttagg cttgtgtagg tgtccctagt ttctctttct aaatcatgtc	240
ttagtaggga cagagcaata atgggtggatc gtggcaacgg gaaggaagat gatgtgtcag	300

<210> 917

<211> 300

<212> DNA

<213> Homo sapiens

<400> 917

tgttgctgca ttctaagctt aacctcctgg tctcatggca gtgacttgag cttttgattc	60
atagaagaaa gccagaggtt ctgcttgctt ttgtctgcca gccctcgtcg ttctttctcc	120
tctgcctctc acctctaccc caaatacctc tgttcttagt ctcaagggga gaataacatc	180
agggagcccc tcatcttccc cagaaggact tctcgttccct catgtagtta actccattga	240
ttttcctatc ttggtgctga tagctctcta agggtagggc acacctcccc acagccaccc	300

<210> 918

<211> 300

<212> DNA

<213> Homo sapiens

<400> 918

caggaacgca acaaactcaa gtcgcagctc ctggtggtgc aggaagagct gcagtgtctac	60
aagagtggcc tgattccacc aagagaaggc ccaggaggaa gaagagaaaa agatgctgtg	120
gttactagtgc ccaaaaatgc tggcaggaac aaggaggaga agacaatcat aaaaaagctg	180
ttcttttttc gatcggggaa acagacctag atccaaggcc acaagtaagg ctatggctct	240
gattctagaa gacaaccttc caagatgcct ggcaaaacca cctccctgtg ccacacagac	300

<210> 919

<211> 136
 <212> DNA
 <213> Homo sapiens

<400> 919
 gtaagggagg gggtagggct gggttattaa gatacaggct gctgtatttt acattgggtg 60
 tgggggaagg ggagcctgga gaaaacaaag tcactattcc cttttttgaa acaggaaaaa 120
 aaatattttt tgttca 136

<210> 920
 <211> 135
 <212> DNA
 <213> Homo sapiens

<400> 920
 cagactcgca ttatggacaa gtcccttctc cccacacaaa ggaagacata caccgcatag 60
 tccatttcat ttcagctcct gatggcatct gaccgcctg gacacttccc agtgggtctgg 120
 cttttggagg gagag 135

<210> 921
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 921
 aagcagaaat gtgggtggtg tgactgggggt ttggtgaggg gctgctgtgg ctggaatgga 60
 gggctgccac aataatggaa atggtaaagt aggcaagtaa ggttggactg gtggcatagc 120
 gtcaagggtg ccagctttat taaatcactc ttccaatatg ctagcactgg cctgttggga 180
 aaagtaatac atcatgtaat cgaacaaaag acagaggcaa gctccaggaa tgggcaactgt 240
 aaacaggact tgtccagag tagccagatg taggctttag gtaagttgat gcaagctgag 300

<210> 922
 <211> 280
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(280)
 <223> n = A,T,C or G

<400> 922
 tctcgatctc ctgacctcgt gatccgcccg cctcggcctc ccgggggtgct gggattacag 60
 ggggtgagcca ccgcgctggg cctggatcaa atctttatcc atgcacattg gaacacagga 120
 ttactgggtt gaaatcattc tagttttgtc atttagatac ttgtacgatg aatctatttt 180
 agcacaaggg ataaataact cgnnangnca tctntanntt gtntnntttn gtgnntttgn 240
 ntanaccacn ttcangntcn angnnaactt tncttnggat 280

<210> 923
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 923
 ggaaagggga cagagcagag ccagttgttc cacacttttg gaagcaggag tagcttttat 60
 catcttcttc tggggagcag gcatagagac ataaactgag tgaaaatggg tggaggaaga 120

acttctatac	ccacgaacaa	catgtgaaga	gagagaacca	aacataaagt	aaggagggtg	180
agttttattg	tatgttgctt	gctgacaact	gttttggggg	cgcttcagtg	atatacatte	240
atagaaagac	tttgttttat	ggcagattag	tttaciaaaga	gtattctgca	agtgggatta	300

<210> 924
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 924						
ctcaaaacca	aatctcaact	cagctacaga	atctactgtg	gtccttgtct	gaaaaaatta	60
gttactcgg	ttggaatctt	gtctcagagc	atcctcatct	ctttctcaa	agccctacc	120
ccaacaccgg	cgtgttggtt	gtctattgaa	acttacaagt	ggatggacce	tttctcccga	180
ataaactggc	ctttgaaagc	tctaactgaa	atggtttggc	aaaatccata	ctgcaggaga	240
ttagggagga	caagaatgat	gtgccttttt	gtactgctga	gcctgatggt	ggtgccacta	300

<210> 925
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 925						
ggaaacagct	ggactagaga	tacacatttg	ggcatatata	tatatatata	tatacagtat	60
atatatgcac	gctgatttta	tatatatata	tatatataaa	ataattatgg	aagtcagtga	120
gattgtccag	ggcaagaata	taatgtcata	tgagagggga	gtccagactc	tcaaggaacg	180
cggacattta	aggggagagt	ataataggat	gggccgtcaa	agtctaagtc	agagcatcct	240
gatgttggag	gcaaagcagg	agagtgtgga	ttaagcagct	agacattggt	tactggggca	300

<210> 926
 <211> 295
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (295)
 <223> n = A,T,C or G

<400> 926						
atttcagcct	gggcaacata	gtgagactcc	cgccctctaaa	aaaaaaaaat	cccacaatcc	60
tatcacacag	agatggcaac	acttaccatt	tgctctgggc	acctttggaa	ggaactttta	120
aatcaatgtc	ttgcttctct	gtgggttctt	ttgtgactca	cacctgcttc	tggttatagt	180
atgactataa	agttgatctt	ttgggtaagg	tatgatctat	gagaggaagc	ttctaatttg	240
atgagcatca	gggnantttt	anctggtata	cctttntttt	gcctctcca	atcaa	295

<210> 927
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 927						
gtggtagcag	gcactagata	agaggtgaac	cagtgtggag	gcaggagggg	taggaaagga	60
gatggaggca	ttattacca	ggcatgatag	aagccatggg	atctgataag	tggtgagaac	120
tggaagaga	gggacaactc	tgaaatttgc	ctctgattgc	agttaaatga	tagcatgcta	180
atgacagagg	tagcagtagg	ttggggagag	tgtagtagta	ttctgtttt	cagtacactg	240
ggttttaagc	attgacaagc	caccaaattgc	aaatatcaag	caaagagtgg	cacatctagg	300

<210> 928
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 928
 gcgattttatt tcacagagtt aagggggccag tacacttcat ggtataaaat tatcttttttc 60
 aggggatgaa ggcacaagga gaaaattact tgaagcttgg agatcttctc tggcaagcaa 120
 tttacaaatt ctggtgttct ttgatctggc tccccgccca gacaaccagg gagttcttca 180
 tgttctagcc tcatgtgttg cactataggc agtaatttgg catcagccat agaggaggga 240
 tccgatagtt gtcattgctg cccgccacat atactccaca tggaatgata ctcataatgc 300

<210> 929
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 929
 gggacactgg attctcattc tactcaaact cccactagga ctggttggtt gttcgcttct 60
 caagtgtttg tatttttctg agttaatatt tttgggtgta atttacctgt aggaaaatgt 120
 acacattttt agtgtacagt tcaccaagct ttggcaagca tgtatagcct ggtaaccac 180
 aagccaatgg agacctagaa cattcccgtg accccagatg ctgggttctg tgtgccttcc 240
 cagggcttgt ggctgggcac atcaggcatg gcgggtacca tgctgacag ctctgaacca 300

<210> 930
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 930
 gaatgggtag gaacaagcat tagcctggtc tgggttcctc cagctcttag gacaagttgg 60
 aacagatttg ctgttctgat gattcatctt tctgatcaca gggatagcag aactcagctt 120
 tgaagaaagg catctgcaga gatcatggca gttccatttt gcgttctgag tttgctcctt 180
 taggtaaggg aactagaatg cagatacagt tagaatcagt ctctctctct ctgtttgtct 240
 gtctgtctgt cactctctct ctccctattg cactgagggc cgggcgcggt gggttcacacc 300

<210> 931
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 931
 gtcattgagaa gagccccaga tgggacaccc gttcttctct gtgacattag ggaatttggt 60
 acagctttct ggatcagttt ttgcctttaa gatgcatctg gactcatcaa acccagaaag 120
 tgtagagcaa atattcctat tcccatgtcc ttggcagaca ttgctaattc atctcagggc 180
 tccaacagag ttgggtctca gccttaccag cctggcagcc actagacttg atccctgaga 240
 tgaaacctct tgaccacaca ggaactccat gatcttgaag ctcccttctg gctctataac 300

<210> 932
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 932
 ccaacatggg ggtctcaaac tccccacctc aggtaatcca cctgcctcag cctccaaaag 60
 ttctgggatt gcaggagtaa gccaccacac ccgtcctcag tgcttggaact tctgcagtgg 120

acttccttta	aaaatcctgg	aatatacact	gcagtaaaag	aacaaagcat	acttcagtcg	180
tttaaggctg	aggatatgctt	tggtctttta	ctgcagtgtg	tattccagcc	ttaaacgact	240
gaagaagaat	gtcaagtggg	gaagtggctt	tggttttcag	tttgtgggtt	ctgaatccac	300

<210> 933
 <211> 264
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1) ... (264)
 <223> n = A,T,C or G

<400> 933						
ctgaagcagt	gcaagtacta	ccatggctctg	agctccctgc	cctgaagagg	tcggtgcaga	60
ctcgggggccc	agtctgcac	ccacctctac	ccctcgccga	cagccagacc	acaacaccag	120
attgtaccca	gatagtctggg	attggaagtg	aggaggtttc	tcaccccaca	gataacccaa	180
gacacaaatg	tgcaattaaa	agtttatttt	agaccacaaa	aaaaaaaaaa	aaaaaanntg	240
ngccnttnaa	antnttgggg	ggnc				264

<210> 934
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 934						
gatgtcctgc	tatacaccat	ccactgcctt	gccccttaag	cctcacatct	ttcatctctc	60
ctagttccaa	cccattggtct	ccagacgatg	actctgcctc	cctgttcttg	tagcattcac	120
agattgcctt	gttttagtagc	ctttcacatg	agatccactt	gacagcccct	gtcctcacc	180
ctcctcaaac	tcctcaccac	actgaaactc	ttccagctcc	atgagtaggt	tcttgggtgg	240
tttcttcacc	tgcaggttca	ggtcaatgct	cagccgggga	ctcgacaggg	atgctttgca	300

<210> 935
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 935						
accaaagctg	ctggagcctg	aggcagagaa	ccagaggccg	gaggcagact	gcctctttac	60
agccaggaat	ctcagaggat	ttgaaaaagg	tgaaggacag	gatgggcatt	gacagttagt	120
ataaagtgga	cttcttcac	ctcctggaca	acgtggctgc	cgagcaggca	cacaacctcc	180
caagctgccc	catgctgaag	agatttgac	ggatgatcga	acagagagct	gtggacacat	240
ccttgtacat	actgcccaag	gaagacaggg	aaagtcttca	gatggcaagt	aggccattc	300

<210> 936
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 936						
gagccatggc	agaaaatcag	tgatgtcatt	gaggactctg	tagttgaaga	ttataattca	60
gtggataaaa	ctaccacagt	ttctgtgagc	cagcagccag	tctcggtctc	agtgcccatc	120
gctgccccatg	cttctgttgc	tgggcacctc	tctacatcca	ccaccgttag	tagcagcggg	180
gcacagaaca	gcgacagtac	aaagaagact	cttgtcacac	taattgccaa	caacaatgct	240
ggcaatcctt	tgggtccagca	aggtggacag	ccactcatcc	tgaccagaa	tccagcccca	300

<210> 937
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 937
 tcttcttagga atgaggggca tcagcccacc ccaggcacct cagtgggggtt ccggggccacc 60
 tcaggactcc aagaggctgt gtggagccac cactcctagc cacagctgcc atgataagtc 120
 cttccatgaa ggactgagga gggagagtgg ggggtccaggg ctgggtgctgc tcttccctca 180
 gctctgccgg ggctctaagg tccctctatt tatttctcaa ccttggtgg cctctcacca 240
 ggagtttagg ctgaatgcct tccacgtgat ggaggaaaag gccaaactctg tcctggtctt 300

<210> 938
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 938
 caaagtactg ggattacagg catgagtcac tgagcccagc ctaataaaga actttctgac 60
 agtgaataatg gtctgtgcat ggtgtgggtg ggggtgagggg gaggccgggc gtggatggag 120
 cagcagggag gttgtagaca atgtccagac atcagagaga gggctgggct ctgatcctgt 180
 gccaccctga aaggctttga tcttatgggt tggtcagaaa cagagcctgt aaaacccatg 240
 tatgcagctg ttgctaaggg caaccacaag atgctcaaag gaccttaaag atgtagatgc 300

<210> 939
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 939
 wcggtgtgtg gcacaaagcc cctaaggttt catgtgtaca caccgggtgct aagtgttttt 60
 tacacccttg agcatctctc ggcttggggc tctgtgtcag gttgccctga gagttgggtt 120
 tttagttaa aaagaaggaa cacagatgac tactctgctg gcgacacggc cactctgctg 180
 gcacgcacat agcatggcgc ctctttttt gggggactct ccttgggtggc atctctggca 240
 ggctgagtc tctccagctg cagttctgga ccctgtctgg gttggggagg ggcatttgg 300

<210> 940
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 940
 gctacaccca gttctcccag ttcaacaagg acgactcgct actgctggcc tcgggggtgt 60
 tcctggggcc cgcacaactc ctcatcggc gagattgctg tcatcagcct agactccttc 120
 gcgctgctgt cccgcgtgcg gaacaagccc tatgacgtgt ttggctgttg gctcaccgag 180
 accagcctca tctcggggaa cctgcaccgc atcggagata tcacctcctg ctcggtgctg 240
 tggctcaaca atgccttcca ggatgtggag tcagagaacg tcaacgtggg gaagcggctg 300

<210> 941
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 941
 ggcttccagg aaaccaggca agggatatgc cagggtttt cctcctgggt ttgtttcacc 60
 tgtccactc tactgtgaga tagagcttcc agagttgttc acaggggtga gatttttcgc 120

tctgaatttg	agaggcaacc	gtatctggcc	ttctaaggag	gcagggagct	acctgggagg	180
caacactgac	aggtcatttt	gcttcagtgt	caagcatttt	tttctctccc	ttttgttgtg	240
gcagctcagt	gttgacaggg	ctccacacgt	cttctttgag	tagtgggagt	atgtgcccaa	300

<210> 942
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 942						
cctcgggggg	aggccagccc	ctggctcact	ggctcagggc	aggtgggctc	tcggggaagg	60
tgctcggggg	cccctaggag	ggagcgtgg	ggacattgcc	atgggacgga	agtctgcttg	120
gcagtggctt	tgataagcga	tgcttggggg	tcagaccacc	ccctagagga	gccacgtgcc	180
gcccagccac	cttcaatgcc	tgccaccctg	cccagggatg	tacagagccg	tgcccacaca	240
tttcttgca	acttgatcaa	atttcttaaa	gcaaacaaca	aaaatgtaca	tttctgtttt	300

<210> 943
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 943						
ggaagctcca	ggcctggcgt	gctggagtca	cgagatgagc	tgtccaggca	gcatggcatc	60
gtgagtgaac	tccgaccgtg	gcaggtgagg	cttctgcact	tagctggctg	tcttcatgtg	120
ggcggattct	gtggttagtg	attctgattt	ctcatctgaa	aagtgggtgca	tcacttagcc	180
cctcccacac	ttggaggggt	ctactagtgt	gcctgcgtgg	ctgggttctg	cacactcagc	240
tactttagtt	tctttagtct	atccttaaaa	agatttcctag	gtgtgttctt	gattttgagg	300

<210> 944
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 944						
cccagcagag	cagcctcatc	agagaggaca	agagcaacgc	caagctgtgg	aatgaggctc	60
tggcgtcact	caaggaccgg	ccggcgagcg	gcagcccgtt	ccagttgttc	ctgagtaaaag	120
tggaggagac	gttccagtgt	atctgctgtc	aggagctggg	gttccggccc	atcacgaccg	180
tgtgccagca	caacgtgtgc	aaggactgcc	tggacagatc	ctttcgggca	caggtgttca	240
gctgccctgc	ctgccgctac	gacctggggc	gcagctatgc	catgcagggtg	aaccagcctc	300

<210> 945
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 945						
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aaccagcaga	aaaaggcttc	ttgttgggct	gatggtgttt	gtgcgagaag	ctgaggtggg	120
cagggaggag	agcctaggag	agcggtaggg	ctcatgggca	ggccgttggt	gtacgccttg	180
gccctgcctg	tccccagtcc	caccactgtg	gactccaggc	catcctcagt	ccaggtgggtc	240
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<210> 946
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 946

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tcacagacct	cctacatgat	gacccctgag	ctgccacttg	ctcctgtatg	cctattcacc	120
accacctacc	tgtgtttgca	agttccatga	ggaagggccc	atgcctcctc	ctgcttatca	180
cagtgtgtcc	aaatcagtgc	ctgggttcagg	gcctgtgtgt	atgggacatc	tcctaggcac	240
cacttcacac	cctctcagcc	ctaccttcca	ctccagccac	cacctcagca	accagttctg	300

<210> 947

<211> 300

<212> DNA

<213> Homo sapiens

<400> 947

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cctctcagct	gtagctgcac	cacccccctg	ctggctacca	ggctctcccg	gctgggcact	120
gcgtggcctt	gccccctctc	cgctggcagc	tcctcagggg	aacaggggct	accagaggct	180
gatttctccc	ctctcctggg	ccaggggagg	ggattatcc	ctgcctcctg	cccccgatgc	240
ccaaagcagc	atcttcagc	actttccatc	gaggacttgg	gtggcagagt	gtgggtgcag	300

<210> 948

<211> 300

<212> DNA

<213> Homo sapiens

<400> 948

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ttcctttatc	atcaagtcgg	atgtatgatg	gctatcctct	ttctgattgg	ccaaggaatg	120
gagaagccag	agattattga	tgagctgctg	aatatagaga	aaaatcccca	aaagcctcaa	180
tatagtattg	ctgtagaatt	tcctctagtc	ttatatgact	gtaagtttga	aatgtcaag	240
tggatctatg	accaggaggc	tcaggagtgc	aatattacc	acctacaaca	actgtgggct	300

<210> 949

<211> 300

<212> DNA

<213> Homo sapiens

<400> 949

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tttattggat	tatttgttta	ttttctctct	tctagactgc	aagctccttg	agcagacccat	120
gtttattttg	tctaccacag	gtgctcaata	aatatttttg	actatttatt	acatgagaag	180
gtttccatgc	aaacacccat	tgaatacgat	tgaacttgaa	ccctaagaga	tgggctgtga	240
cctttgttgc	cctcaaaacta	atcaaagggg	agtgatattc	accatccaga	atctagaata	300

<210> 950

<211> 293

<212> DNA

<213> Homo sapiens

<400> 950

ggagggcact	gccctcctgg	aagagatgca	ttagatcggg	aggcacagaa	tacctttaca	60
tgagaccatt	tagagaatga	ttagggggcca	aaggtaaggg	gtggactgtt	aagccaacag	120
ggactcagag	aaagcaaggg	tcaggggtgac	cagaaataga	gaaaaaaaaa	ccttacagag	180
gaagaggacc	tggacctgag	ccacagagga	tgggtagaac	ttagaaggag	ggaatgagcc	240
cagtctgaat	gatatgtcta	caaagtatac	aatatgcaat	gatgattaac	tga	293

<210> 951

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 951
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 ctgtgatcag cttgctgcag gaggcagaaa gtaaatctga acttagtcag aacatctctg 120
 cccgggaaca ttttgtattt accgatattg atggccaagt gtatcatctc actgttgaag 180
 gaaactcagt aaaagacagt gctcggattc caccagatgg aagtatgggt agtattacct 240
 gcacgccttg gaaaggtgat acattagtgc ttggagatat ggatggaaat ttaaatttct 300

<210> 952
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 952
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 ccttctccac cccaatttcc aacatcccct cctttgtaga gagagcactc tgggaagccac 180
 tgagcccat agccctaggg cctagaccac tattccaaaa gggaagactt ttccattact 240
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<210> 953
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 953
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 agcttgatga catggaattc agggaaaaga ctatgatggg gtcacttgta actgcttttg 180
 tgctgtaaaa ttgtcatgga ttaagaagag agttggctgg gtgcgggtggc tcacacctgt 240
 aatcctagca ctttgggagg ccaaagtaag gactgcttga gcccaggagt tccagaccaa 300

<210> 954
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 954
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 tttttaatte ttggactcat gtccctcattg cttcactcaa ttaaaaaaaaa attattctcc 120
 agtcccctcc cactttgtct cttgtatgca ttgtgaccga cccacttcc tcagaatgta 180
 acggggccag agggaaactt ctcacaaact tcgtagagcc tcctcagggg aagctaggaa 240
 gaagacatca aatgttttta agtcatgacc aaacaggctt gttggggaca tatcatgggg 300

<210> 955
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 955
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 gactgcacag agccgtgtcc cagacacgct gtcagtgcct tcaacacgga gccggtttgg 180

tcattcgggtg	ctttgtttca	ttaaataata	gggaaatata	cattttaaac	aggtatatca	240
gtggaaacac	agagttat	taagtgcag	acaaattacg	gttgagttct	gtggcttctt	300

<210> 956
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 956						
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ccggcagctc	ccccacactt	ttgcgctgg	tccacgactg	cctgggcttt	tgccacttgc	120
cgctgagccc	aggtgaggat	cccagagctgg	gcctcgaaat	gacagcaggg	tttgggcttg	180
ggggactgag	gcttacagcc	ctgcaggccc	agccgggcag	cattgtcccc	actcttgctc	240
tggctgagtc	ccttcggggg	gcgacgacac	gacaggacca	ggtggagcag	ttcctggccc	300

<210> 957
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 957						
ggagagagcc	acatggagga	gagccatgct	accctaactg	ccatagctga	ggctatcctc	60
gatcagcaca	catccattca	agcaccagac	actggagaaa	gtccacttga	ggtcagtaga	120
gctgcctagc	agatgcccac	ctgacccaaa	aagcataaga	cataaacatt	tattgttgta	180
taccctctga	agttttgcat	gtgttacacc	atattactat	agtaatagat	aattgatata	240
aatgtcctac	atggcctgga	ccatgcattc	cttgctaaat	ttatttcttg	ctactctgtc	300

<210> 958
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 958						
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gctggaattg	agagactgag	gacacaaagt	ggtgtgctgg	agaataaact	agagcctgtg	120
gtgccagact	ggcaacttgg	ggattgtgtg	agtgaggag	agattgtgca	gagctaatac	180
taacattgct	gatgagtgga	cagaaacat	aggcctcatg	aatagtatt	tctgaagtca	240
aagcccagta	tgcttaaata	tcaacccaag	tggtttggga	gaggggagca	cagcttactg	300

<210> 959
 <211> 273
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (273)
 <223> n = A,T,C or G

<400> 959						
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ttttaatat	atatccacct	caaaataatg	gaaaagaggt	ttttgaattt	ttttttttaa	120
ataaaccct	tcttaagtgc	atgagatggt	ttgatggttt	gctgcattaa	aggtatttgg	180
gcaaacaata	ttggagggca	agtgactgca	gttttgagaa	tcagttttga	ccttgatgat	240
tttttgtttc	cactgggaat	aaagntggat	tcg			273

<210> 960
 <211> 181
 <212> DNA
 <213> Homo sapiens

<400> 960
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 aaccggggac gggtgaaagc cttcgaaccg tgcaggggat gcctcggggc ctggcccttc 120
 gcttcctctc ttgtgttatg gaaataaaaa caaataaaac tacaaaaaaa aaaaaaaaaa 180
 a 181

<210> 961
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 961
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 gggctgaaac agacaccagc tctccaggac cagctgctcc aggaatcaac ctctaccctg 120
 aaccaggctc ctgaggacca ccacgtggct gcaacacagc aggagttcac agtccagagg 180
 agaagcccga tgctgaacag agaatcacat ccgtgagcaa cacaaaaggc ctcaatcaaa 240
 aacctctgaa agccactggc ctagagttag aggaagagtt agccatgaga aatgggtggtg 300

<210> 962
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 962
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 ctgacaacag atcaataaat ggctttttaa aagcaaaacc cctcaagctg tttatctagg 120
 aagcctgaca aaccctgccg cagtgggtgtg gcccctatgtg tcccagggc ctggggccca 180
 cctctgcccc agaagtctc ttagtgtctg tagacaggtc ccatttccac caggtcaacc 240
 agggctgtgg cagtggacct ggatggcagg cagagcagag gaccgctgtt ctatttgttg 300

<210> 963
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 963
 gttggttgtc aactttgcat tataaccacc acttgtaata tctctgcctt gaagaggaaa 60
 aaccaggaac atttcctaga atccccctcc cgttatgac ccaagttagg atatgccagt 120
 gagaggtgct gttttagtcc cttttgcctg ctgtgacaaa atgacacaga ctgggtagct 180
 tataaacaac agaaatttat ttcccacact tctggaggct ggaaagtcca agatcagggt 240
 attggtagat tctgtgtctg gtgagggctc attttctgat tcatcgatgg caccttctca 300

<210> 964
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 964
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 atctaaggta cactccacat tcagaaaaaa aaatgccctt taccatagtt tttgttttgc 120
 ttttggtttt gatcaaagat tacaggtgtg agccaccgca actggcccac tgtgttacga 180

tttgaaataa	aaaggaacct	gtcaagtacc	cagagaatat	cagaactgct	gtccgatctc	240
ctgaaattga	aattaatttc	ctcagtgact	caatacccac	tgccactcac	tcaagccctg	300

<210> 965
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 965						
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ataataaaaa	gcatggagtc	aaatataagc	caagagtatt	acagagactt	ttaggctgac	120
tcagtatctc	aagttctgtg	tagattcatc	taaacactgc	tggtatccat	gctatacttt	180
accatgttat	cccaaaagg	aatcatcagc	aaattttacc	agaaactgct	gaattcaaga	240
tatattcaat	atatattata	cttctgacat	cctaggaagc	ctatccaaag	aatacattac	300

<210> 966
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 966						
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ctgttaccac	atcaccttgt	ccactgtatg	gacagtgaac	tgaatgtgaa	gaaacttgag	120
gcagagagac	agcacagagg	ctgttggaat	aaattcactg	ggctcatctc	acatgtatgt	180
cttctagtct	acatgtcttc	tatttccttc	tgtcttctcc	tcacccccac	cattaatctg	240
tcagatgcac	acatgggcaa	agggtcttgt	gtaccaaagt	tgctcagtga	taaaagcagc	300

<210> 967
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 967						
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cccacctccc	ttccagggat	ttgaatagtg	gtttttctct	agctttttgc	cagaacaaag	120
gaggggtacat	tacttaaacc	cagggcatca	ggatgtgctt	gggctatggg	ggccataaac	180
cctgagccca	gagagcttgg	gtcactgtca	cctgagtgca	gctgggctgc	ctcaggcagc	240
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<210> 968
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 968						
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aacccaagcc	tggaccgagt	cataaccaag	cagcaaataga	cattgtcaac	cccagatcag	120
agcagaaagt	catcatcttg	gaagaaggta	gccttcttta	cacagaaagc	gatcctttgg	180
aaactcagaa	ccagtcaccc	gaagactcag	agacagagct	gttatcaaat	ctaggagagt	240
cagctgctct	agcagatgat	caggccatcg	aagaagactg	ctggtttagat	catccttact	300

<210> 969
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 969

gccaccagg	catccgggg	atccctgtga	gcaggggtgag	ggtgagcacc	caggttccac	60
agggctctgt	cctgggcagg	ccagcagatg	cagtgattgc	aaatcctcct	tgtacaaatg	120
gaacaggcac	gtgcatttgt	ggcacactca	gagctgctgg	ccactagtgt	gctttggaga	180
atcagttgtc	tcccaggcgg	ggaagggtccc	tcagacataa	aatactcacc	catttagagg	240
aatgacaaca	gcaaaggaaa	ctatatctctg	ctaatttact	ggtaagagag	gaaaaactct	300

<210> 970

<211> 300

<212> DNA

<213> Homo sapiens

<400> 970

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tctcggcagg	ggccgaccgg	gcaacttccc	ccttctgtgc	cctctaccct	gctttggagt	120
gccgggccc	cattcagcag	atgtccccct	ctgcctttgg	tctgaatgac	tgggatgatg	180
atgagatcct	agcttcgggtg	ctggcagtg	cccaacagga	atacctagac	agtatgaaga	240
aaaacaaagt	gcacagagac	ccgccccag	acaagagttg	atggagaccc	agggattgga	300

<210> 971

<211> 300

<212> DNA

<213> Homo sapiens

<400> 971

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ggcagacaca	aagatgcaga	ctgggttagg	ttttagaaaa	acttgactta	aatcagtaaa	120
tacagtaaca	gggatggagg	gcataaggct	ccagagcaat	gctggcgccg	tcagtgtgtg	180
ctctagaggt	gcaacccggg	tgggtgggtg	tcagcctggg	tgacacagca	gggtggccat	240
gctggctgag	gcctgtctct	ctccttttgg	agctctggct	ttaccccagc	ttccatgctt	300

<210> 972

<211> 300

<212> DNA

<213> Homo sapiens

<400> 972

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ggcactgagg	tagaggccat	ggctgcctct	gatgccaaaga	atcatagggg	gcttgaggat	120
gcctactgga	aggaccgacg	acaaacacgt	catgaggaag	gagcaacgca	aggaggataa	180
ggagaagcgg	cgctcagacc	agctggaacg	taggaatgag	actctgcgct	tactggagga	240
ggaggactcc	aagctcaagg	gcggtaaagg	gcctcgtgtg	gccacgtcca	actcgggtcac	300

<210> 973

<211> 300

<212> DNA

<213> Homo sapiens

<400> 973

cccaagtagc	tgggactaca	ggcgcccgcc	accacaccgg	gctaattttt	tgtatttttg	60
gtagagacgg	ggtttcacca	tgttggtctag	gctggtgacc	gtgtgggtcat	gggtggggacc	120
agcctccggg	ggcaccagct	cggggcagg	tctcacgtgg	gagggcacag	ggcttcctgc	180
aggtcgggag	gcccaggggc	gattgtggcc	agtggaaagg	aaagatgttt	ctggcagggg	240
gacttgtgtg	ggccacggct	gtgcggctgc	ggcggttgagc	acggcctcac	tgtccacctg	300

<210> 974

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 974
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 ctctccaca gactcctccc tggtcaccac tagtgatcca ccttatggat ctcccaaggc 180
 cacctctgcc tctgctctgt gttgtattat ttggggacct gtggtctggc atgcattgta 240
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<210> 975
 <211> 197
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (197)
 <223> n = A,T,C or G

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 ggcttctgct ttganngtgt nangacacgc tatgaacccc gncagnngta atgnccccnn 180
 ntgtnatnct gttttttg 197

<210> 976
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 976
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 gtttccccag cagatatcac aaatatgact ttgtttcttc tcagattggg tgtacttaaa 180
 aatacattgt ccagagtcca ctgtaaggca tgaccaataa aagcatctcc atttagttgt 240
 ttaactgact cgtgcacatg cctcttcatg aggcgcttac ttctgtaggt ggtaagattg 300

<210> 977
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 977
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 atgtgttcta gttgatcatt acaaacctgg caggccttct caagggttca gtaattagct 180
 gtcatttccc atttgtccag agagtgtcca acacaaaata cccctaagat cttggccaat 240
 agagaaatgt catggaattt tagaaatgac agtatctgcg gagttttattc caagttatat 300

<210> 978
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 978

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taaatttttat	ttcctttaag	ggcaaaacca	acctccaagc	acatttatgg	cccatgtttt	180
aagagctggc	cgccctttct	atcctgtatc	tctggttaaa	cgtgttttct	ttttcttgga	240
gcaaattttt	caaagagggg	ctaaagctat	gtgttcctct	ggagagaact	cctgcctacc	300

<210> 979

<211> 300

<212> DNA

<213> Homo sapiens

<400> 979

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gttctaaaat	acacaaattt	tgagactaca	gcacttcttt	ggaaagagga	agaatgcaaa	120
gttcagtatt	tcaatacttt	gtattttact	tgaaattacc	cttagtagca	tctttttttt	180
cctgtctgaa	agcttttgtg	tggatgagaa	gggacatttc	atttcctccc	ttaacaaagt	240
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<210> 980

<211> 300

<212> DNA

<213> Homo sapiens

<400> 980

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gtgttacgaa	atgttattca	atagcaatta	tgagagattg	ttttagccag	aaactgatca	120
cttttaagtt	actggattat	tctgcttgag	cttgtgagaa	cctcaatgta	ctccagtcct	180
ttctgaaata	aggcaagatg	taaataagaa	ttgtgtgaag	tgtttaagat	ggacacttag	240
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<210> 981

<211> 300

<212> DNA

<213> Homo sapiens

<400> 981

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caccccaacta	actctggggc	ctgtctgtgc	tatttaacat	ttcattcaaa	caggagctcc	120
tgggaagaag	cttggctcag	tatccttggc	agatcacccc	tcaaagtctc	cctcaggtat	180
attctaagtg	aggacggatc	ccatatatac	ctcacttagg	ctttactctg	ctctgcaagc	240
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<210> 982

<211> 300

<212> DNA

<213> Homo sapiens

<400> 982

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ctgaaaggta	cccaagtggc	ctgaaacagt	gtagggaaag	acctgggaaa	cactggacca	120
aaaaagcctg	atctcatgga	gacctgcatg	gccctgttag	agatggcgta	gaagtgaaag	180
tcttaaaggg	agcattagag	atccttttaa	tacacgactg	agtgccagct	tatttgtgat	240
gccccttccc	agaccagggt	aggattcctg	ggaaggccgc	ggattccggc	cctggaagag	300

<210> 983

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 983
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 gagctgtgga ttgttctaga cttttgcccc gccccaaatt ttagtgatag caaaagggca 120
 ctggaactag aggccagagg gaaactatta aactcacgtg ctggcgtgag gaggggatgg 180
 agccaggagc tcagactctc cctcatctca cgggcatttt gtaatactga cttttccaga 240
 tagaacctgc tgccctagtc tagctaccca cagttccctc cgagatgctg tatttggaac 300

<210> 984
 <211> 136
 <212> DNA
 <213> Homo sapiens

<400> 984
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 gatcattggt aattagtgc atagtaacat ctgtagcagc tggtagtaac acctcatgtg 120
 ggggaggtgt gggagg 136

<210> 985
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 985
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 gtaaccogaa taagctgtca gactttgata gtgaagaatg aaaatcttga aaatttgagg 120
 gaaaaagaat attttggaat tgtagtgta aggatttttag ttcattgagt gcctatgaca 180
 tctggttcca gtttgcaact aattgtcatt caagaagagg tagtagagat tgatggaaaa 240
 caagttcagc aaaaggatgt cactgaaatt gatatttttag ttaagaaccg gggagtactc 300

<210> 986
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 986
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 acatactatc ctccccattt tataattgag ggaactgaag catagacagg ttacatagct 120
 ggtgactggc agatgaattg acttagccgt ggtcctgcag gtgatgagt gcagcactgt 180
 gctcttatca ccagctcttg agcgtgctgc atcctctcat ttgtcgttgg tctcccctag 240
 tgttcagtac tgtgccttgc acgtgtttat actcagtagc ttttgaatga cagacttaca 300

<210> 987
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 987
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 gagagcatga gagcacagta gccagcctg ctggtcagca ggctcatctg tggttcacct 120
 gtagacagag agcagatcaa tgtgtacttc agacaccaga aagtctgggt gctttgggtc 180
 caagtgggtg aatcacctga ggtcaggagt tcaggaccag cctgaccaac atggggatac 240
 cccgtctcta ctaaaaatac aagccggggc tgggtggcgca tgctgtaat ccagctact 300

<210> 988
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 988
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 ccaggttcag tgctttctcc tctctctctc ccaccacttc ctctcagtt ttcattctctc 180
 cagccaccgt gttttctctc cgtacaacca ggatctaata atatttgtga ctcagataat 240
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<210> 989
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 989
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 taggattatg ggcatgagcc accacaccta gccaggcttt ttatattgag ttggttatat 180
 atgcttcata gccacacttt ataattattgg agtatagtat taaattacag cttgttgtca 240
 agtcagtgtt tctgtaagac agtatatcca atattgggtta gagtaacacc tatttgggtga 300

<210> 990
 <211> 245
 <212> DNA
 <213> Homo sapiens

<400> 990
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 tgtttatagg ttactttgaa agtaaaatat actatgtctt ggttttgagg atattggata 120
 caaaactctc ttccttttagg gctactgaga cttgattcct gatcatcaga aatttcacca 180
 gaaacaactt gcttccaata taccacaattc tatatgaaga attcatggag agtgactggg 240
 cactg 245

<210> 991
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (300)
 <223> n = A,T,C or G

<400> 991
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 tctaagatct ttctacttcc caaacttgga attctctttt taggagcatc tgcgtgccca 120
 gatgtatgtt ggagcccatg gtgtatgggg gtgggggtgg gggaagggtg gagggtacct 180
 accccctgag gcttctccag aggggtgtngg gaccanatg gacctgggtg aggaagggcc 240
 ctggnanagg cnggcctnna gtctcactgn tccttangtg gnccgnngnt ncaaacctg 300

<210> 992
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 992

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agcagagtag	caggccaagt	tccagcatcc	tggtgccag	gaccacögtg	caggcttaag	120
aagctggagc	tttaggatat	ggagtgtcca	tcacttggca	tctttctcat	agcccagggtg	180
gcacttgaga	attagggttag	ggttgatttg	gaccctatgg	tttggtaaat	catgtccctt	240
gaatgtatac	aaatgatgtc	tggtgatatt	taaaatatgt	ttctttctgt	ttaattgtaa	300

<210> 993

<211> 300

<212> DNA

<213> Homo sapiens

<400> 993

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gagatgggtc	ggcagagccc	tgctgatggc	tgggccttgt	gggcagccac	tctgtgtgag	120
caggtgtgtg	ggcccatata	cttcaaagac	cagagccctg	cactgggaga	gtgctcctgg	180
cccaggctgg	gaatcacctt	tccaggccct	tcagactctg	gctgggcttg	ctgtggcctc	240
cctccagcta	gtggtgtggc	tgagcagact	ccagggccag	ggccagttcc	cttctccct	300

<210> 994

<211> 300

<212> DNA

<213> Homo sapiens

<400> 994

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attgcccgty	tggagaattc	ctatgggcaa	gagcgtcgt	gccatctcat	gtgagccctt	120
gggtgtgggg	taactgcctt	gcttctgccc	cgggcacttg	ccatgttcca	gtggggggca	180
gatcctcagg	acttcacggg	tatggttgcc	agctgtgttc	ctggcccttg	gacacacagt	240
gtggcatcct	catgtttgca	cactttcccc	aggctccagt	ggccctgatg	tcaatgttta	300

<210> 995

<211> 300

<212> DNA

<213> Homo sapiens

<400> 995

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ttttccaact	cagtaattaa	aaaaacattt	acttcctgcc	tactgggttg	tggaaatttg	120
tcaggatctc	tgggttccag	gtgagggatg	cagaatgcag	ggaaagacag	gtcccctgcc	180
ctccagaagt	cgggtggcgcc	ttttcagagt	aacacacact	ggagcagacc	cctggaaaag	240
gacagtccac	tggtggacca	tgacctgggt	caaaagaggg	accagggtctg	gcttgctcac	300

<210> 996

<211> 300

<212> DNA

<213> Homo sapiens

<400> 996

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gcaggacccc	tccttgtggg	agcaggccct	cagctacttc	gctcgcaagg	aggaggactg	120
caaggagtat	gtggcagctg	tcctcaagca	tatcgagaac	aagaacctca	tgccacctct	180
tctagtgtg	cagaccctgg	cccacaactc	cacagccaca	ctctccgtca	tcagggaacta	240
cctggtccaa	aaactacaga	aacagagcca	gcagattgca	caggatgagc	tgcggtgagc	300

<210> 997
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 997
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 agtgagcccc tccctgggcc cagaggggag gtccctggag gcagcgctca ctatgggggg 120
 ccctcccttg agaagaaggc aaaaagtctc tctgggggca gctcccttgc caaggggcgg 180
 gctagcaaga aacagcagct cctagccaca gcggcccaca aggattctca gagcatcgcc 240
 cgcttcttct gccgaagggt ggaaagccca gctctgctgg catcagcccc agaggcagaa 300

<210> 998
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (300)
 <223> n = A,T,C or G

<400> 998
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 tgccaccccc acaacccttg aggaggtgta gaccagctct gagagccgca agcactgagg 180
 cagggcctga gactggacct gggtagcgt gnngtgtgga ggntggcgag gtgcggagac 240
 tgcagaccag tgnttcactg tntggagnnt gncatgctgn gtctgtacct tngggacttg 300

<210> 999
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 999
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 cagcatttga ggaaagctgg ttttgtcaac aacaaaatac tgatggaaga cagaaatagt 120
 gtttttaggag aaacatttaa tataaattca aaccttgttc caatgagaaa aatacctgat 180
 aaatatgact tatgtataat gaacgtgaat tatatttcag aattaattgt tagtaataga 240
 aactcctttg gaaggaagct tgatgagctc agtgcacatg cgaaattgct cttcatatg 300

<210> 1000
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1000
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 atgtcctttg ggcaggatgt ggatgcagct gtccggggcag ctctgggtcat gctccggaga 120
 cacctcaacc agaaggaatc ttagacagca aactctttcg ccaaacgact gctgtgaatt 180
 ttacctgatt aacattcctg acaccatctg tgggtcatcc ttccctgga ccgttcagtg 240
 gacagctttc aagcagtgtc tgttgtgagg tcccatcttg gccaaagaact taccttcaga 300

<210> 1001
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 1001

caaaagcagc	agcctcattt	ctgtcctcct	ttgaatttca	tattaaattg	cttacataga	60
atgaaggctg	agttcactgg	caggctaaca	aagctccttg	taatttggcc	ttatatgccc	120
tatgccttct	gctgtagtaa	tactttgatg	cttgtaattt	tcttgaactt	acgtcatttt	180
gtgtctctgc	ttttgtcagt	tctcctgact	cttagttttg	cctgactctg	tcttcataga	240
cttgtgtgta	ggcattatta	tctcctgtga	agtcttctct	gacagttact	tactccctcc	300

<210> 1002

<211> 206

<212> DNA

<213> Homo sapiens

<400> 1002

gtagtaaaaa	agataagctt	gtgaaatcta	tcagctctca	ggctaagcat	tacaccaaga	60
gaatccttgc	cgatccttca	atcataagaa	atcacatggt	agtgcagaag	gtccagcgtg	120
aaatcctcta	agtggccaaa	tctaggagtt	cttctctggc	ttggttggct	aaagcagtga	180
tctgtgtcac	ccccagggcc	atcact				206

<210> 1003

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1003

gttacctctc	aatttttaact	ttttttttct	tttttaatta	atgtttttta	cccatggcaa	60
gctgtaatag	ctttttttgag	gggaggtagg	tgcttgataa	agaacagtag	gtgctgctta	120
tcaacagatg	aaaggagggt	tctttttcag	gcaaccatct	catttgtgag	tgaatggact	180
ttctctttaa	agtgtctggga	ttgttagtgc	cattttttatt	gtaaatatca	aaattgttat	240
tttttgtctt	ctacctaaga	attctgtctc	ttaggtcttc	tcttcccaga	tttcccaaag	300

<210> 1004

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1004

attacaggtg	tggcgtgagc	caccgtgccc	ggccaagctc	ctggccttct	tattcacttg	60
acagttttga	gaatccttga	tttcagggat	gttgagagct	gtcctgtca	tctggagttg	120
agtctcacc	atgggtaca	gtgtacacag	gagtgggacc	ttctgttctt	gaacttaggc	180
tgtggtgtga	tcaccctttt	ctctgcatcc	acctgacagg	ctgggacttg	ggctatgctc	240
tggacaaggc	tggctggtgc	aatgatgccc	tctagaggat	ggatcaggcc	cagtcaccac	300

<210> 1005

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1005

gtgaaaacac	ctagaccaaa	gtcattctat	tctgacatat	tgtctttctt	ggatatgact	60
ttgaaagtaa	gaattgggga	attactgggt	atacagattc	tacatttttc	ttcactaata	120
gtgattccaa	gaaagttag	atctttccac	atggaaaccg	tcatgtaaga	acagaaaaaac	180
tctaaggttt	atctgctgtg	ctgctcaact	ggatccagac	caggtattct	tatttttaaaa	240
gctatatttg	atagatgtta	tattctactc	ttgcttcaaa	acaaatcact	ttcgacacag	300

<210> 1006
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1006
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 gccttcagga tgacccttg gaactgtgcc gagttcctta aatctcagct gggatcctgg 180
 acctgggagg cccctgtgag ggccagctct ggaaaaacct gggagttgat gccggaggct 240
 gtggaagaac tctgctcgag ggcagggtgc cctggaacac tggtagttct ggggctggga 300

<210> 1007
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1007
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 ggagctccaa gagaaggcca ttgtccttgc agcagcaggt gccccccaa gctgggttct 180
 cactgcaggt gccagcgggc tctcagtagg tatgacctgg atgtgagtg tgagccagga 240
 ttgaggcact cagcaccttc gaccacactt cccactctcc ctgggggttc aaggcaggct 300

<210> 1008
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1008
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 tgatgtgcaa gactctatcc attttttggg gtctgaattc agtagaggaa ttctagacaa 120
 ttatactcta gcccttataa cttatgcatt gtcacagtg gggagtccta aagcgaagga 180
 agctttgaat atgctgactt ggagagcaga acaagaagggt ggcattgcaat tctgggtgtc 240
 atcagagtcc aaactttctg actcctggca gccacgctcc ctggatattg aagttgcagc 300

<210> 1009
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1009
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 ggttctagtg ggaacaagg cagatctctc tccagagaga gaggtacagg cagttgaagg 120
 aaagaagctg gcagagtcct ggggtgcgac atttatggag tcatctgctc gagagaatca 180
 gctgactcaa ggcattctca ccaaagtcac ccaggagatt gcccggtgtg agaattccta 240
 tgggcaagag cgtcgctgcc atctcatgtg agcccttggg tgtggggtaa ctgccttgct 300

<210> 1010
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1010
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 tagtttttca tctacaccag ttatctcacc tgctcctaac agtacaccag ctaacagtaa 120

caccaacagt aacagtagcc ttataacaag tcaggatgct gtggaaaggg ctgagcagat	180
gaagaaagac ctgcttgata agctagaaaa attagctgaa gaccttcccc ctaataccct	240
ggatgaactt atcgatgaac ttggtggccc tgagaacggt gctgagatga ctggccgcaa	300

<210> 1011
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (300)
 <223> n = A,T,C or G

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aggctgagggc aggagaaatca cttgaacccg gaggcagagg ttgcagttag ctgagatctt	180
gccactgcac tccagcctgg gtgacagagc aagactccat ctcaaaaaaa aaaanaanan	240
gganttaent nantttaatg gntgnttggg aggtttttttg caaacaaaaa ntcttttttt	300

<210> 1012
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1012	
cctctgcaaa agtgaaaagg caacgaaagg caggagagga gataatcaag catggctggt	60
ccctcaatg tgtagagtag gggagcttga gctgagggtg cagttggtgc ccagatgttc	120
agctgcccac ctggcttggc ctggcttcct ccacagtcca taccctacct ccagggtgctt	180
cagggtccac agccacccca gtgggtgttt gggctgaagt agatcatgtc atgtggatgg	240
gcctgtttac gtgatgtgcc atggaagggg gtggcagggtg ggcagcttgg agtgaaaagc	300

<210> 1013
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1013	
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atcattgtgg agctaaacta agcacagtgc ctatagacca ggggtgctatg aacaggcgga	120
aagagtgttg acaatcagaa attgtcaatg gtaattgcaa ataggaagac gcaagggcag	180
aatggcagct gcaagcactg atttgcaatt atgccacttt cactgggaac tctgagtact	240
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<210> 1014
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1014	
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cctggaatta gtacagtcga agcggcacgt acaggacaag aattcaagat gcttgacagt	120
ggagcacaag ggcattagct tgagggacag ccagaataaa tggaaacttc attatccatg	180
gattatgcac ttggaactta ggtcctagge aactctgata ttagtaattt ggccagcagg	240
ctcattaagc tcttaagaaa agtgggccta gttaatgaat taacacaaga tgacatttta	300

<210> 1015
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1015
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 gtaaatatatt atgaagatct gtgagaggca ctacccttac cctggagcta acctgtgacc 120
 cagagagcaa gactcttgct ttacagaac acatattctt gtggaatgag aggggctatc 180
 atcaagtaag caaatcattc catggagtggt gttagtctat tttcccattg ctttaaagaa 240
 atgcctttta ctgggtaact tataaagaaa agaggattaa ttggcttatg gctccacagg 300

<210> 1016
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1016
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 tcctgggaag accagccctt ccaactacca acccgctcct tttcccagtc tgagccacag 120
 gaagagccta ggggggaatg tcatgaatcg acctccatcc tgagctctcc aggcctggga 180
 caatggaaag tggatagggg gctgtcttcc cagaaggaag ctgggtcaga ggttggtgcc 240
 ccatgggctc caccagagc cccatggcag tctccatcca ttggtgccag gacctgctgg 300

<210> 1017
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1017
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 atcttgacag aaagtagatg ctcttggtca tttgagtaat ccgaatcttg ttatttccag 120
 tcaactcagt tggatttctg ggatgagaat tagaggagtc ccattgaaaa actggaatga 180
 gagatgagaa gtttgctgaa aacagaacat ttttttgtgt gtggattgat ttgcctcgta 240
 tacctgcctt gtactttaac cacatctttg cagtttaaaa tagaacacat tatttcttca 300

<210> 1018
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1018
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 tctaaggaaa tttcagttcc tcatattata gttttcccca taatttaata ttactaagta 120
 tttctctgcc cagtaatgtt gatgcagttt gcataaatag ccttggaagt aaggaggcag 180
 gacagaaagc caaatatcga aatctctggc cttgatttag tgacagttta ttctaattggg 240
 gaccataggt gttattagta aaaagatagt gtacaaggcc taagttcagt ttacattggt 300

<210> 1019
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1019
 tccaaccctg gcgatgtcac cagcatgggt gctcaggtta gagctctctg aggaccacag 60
 atagagcact ggtgccaggg accaaactga gacccacca ccgcatcaa cacttacata 120

ccataaaggt	cttcagagt	ccttggccct	agacctccct	tcattctttg	tagagatgga	180
atctaagaat	gaaacatctc	cactcagtcc	tgcaaatatg	gaagttcttg	agataccttt	240
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<210> 1020
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1020						
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cagactgttt	attccatggc	tccgttccct	ttcccacaa	tgccagaggt	gagggaaaaa	120
tacacctaca	acattacacc	gttcccagcc	acagttaa	ccacctcagt	ttctggacga	180
catagtaagg	ccagagacag	tgatgaagag	aatgacccag	acgatgagga	tgtgtcgtt	240
aatgcagtgg	ggtgtcttgg	accttttagt	gggttcctgg	ctctgaact	gcagaagtac	300

<210> 1021
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1021						
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gagaacaagg	acatcatgga	tagttaaggc	aaccagatag	gtgcttatcc	tctaggtctc	120
catccaaaat	ggagtaatga	cacctacttt	cgtgttttaa	gatttaa	cagtaacata	180
tgtaaagtgc	agagtctgat	gttcgagtc	acaacgatgt	aaataatgca	aaaccagtgg	240
attactcatg	cttaatttat	attttacttg	gaaattttatt	tcctttttct	tggttatctc	300

<210> 1022
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1022						
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agaattgtta	ccatgtgatc	aaggcatcat	aattaatgca	aaccctagtt	tctagttggg	180
aaagagatta	agatggagac	tttgtagtaa	aagatggaca	tatatatttat	tcacatagct	240
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<210> 1023
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1023						
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ctcgatctac	cagaccccag	gcctgggttc	caagggaaaa	attgcccaga	ccactcacca	120
gcagtgcctc	agctattcgt	aaacttatgc	ggaaagcaga	actcatgggg	atcagtacag	180
atatctttcc	agtggacaat	tcagatacta	gttctagtgt	ggatggaagg	agaaaacata	240
agcaaccagc	tctcactgca	gattttgtga	attattattt	tgagagaaat	atgcgcatga	300

<210> 1024
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1024

gcttagaaaa	ttaacctttt	tctattaggc	tggtgcaaaa	gtaattgcgg	tttttttgcc	60
attaaaagta	atggcataaa	ccattacttc	tattaataaa	accctcaatt	ttcattttca	120
tagcctttca	gaatgggagt	aagctttgca	atcaacctgc	tccttcacat	tatctgtaca	180
cttgataaat	ctgattcagt	ggttggaacg	gaatctgctt	ttcctgtatt	ggttacaagc	240
aagcactttg	cctgggtgag	tgtagctgca	gtatagcata	gaattaagac	tacagtttca	300

<210> 1025

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1025

gttagagtaa	gtaaagatat	ggttaagaaa	agtacttaaa	tccaagaaag	agagtcaaca	60
aatattttata	ccatttcttc	attaagtgc	actggttcca	taaattttaaa	gacagcggtt	120
cacccatata	tatggttttg	cattccatgg	tttcagttac	cacagtcagc	ctctgtctga	180
aatatttaca	tggaaaattc	cagaaataaa	caattcataa	gtttttaagtt	gcatgccggt	240
ctgagtagct	tgatgaaatc	ttacaccatc	cccctccatc	caggctagta	catgactcat	300

<210> 1026

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1026

gagcagagat	ggccacagaa	agccagagaa	gctggacgag	gcctccttgg	caacaaaaga	60
gtgacttaac	gcagttctaa	tgctctacat	ttttatgctc	ttatcctgca	gttacaggat	120
aagtcaagat	acacgggtcta	caaagaaatt	ttgtttcta	tttataatag	tagagatggg	180
gtctcactat	gttgcccagg	ctggctctga	actccagggc	tcaagcaatc	cgctgccta	240
ggcctcccta	agtgtctggat	tacaggcatg	agccactgaa	cctggctgta	caaagaaatt	300

<210> 1027

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1027

cagatatcag	ggaccgggac	taggtgtgat	ggctcagctc	ccactaccc	agacctgggt	60
gagatttttaa	aatgtattgc	tcaaacattt	atatggtgtt	tactatgtgc	cctgcactac	120
tctgttttat	aatgtttact	taatccctat	gatagcgcta	taaggtaact	actataatta	180
tccccagttt	tacagaggag	gaaactgagg	catggagaga	ttaagtcatt	tgtcaaaaat	240
cagatctggg	aatcctgcct	ctggggtcca	tgcttttaaac	caccatacca	tggtcccttg	300

<210> 1028

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1028

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agattttcaat	tttctctctc	agtttgaatg	tggagtatta	ggagagcctt	ttgcatgtca	120
aggtagagga	agcagagatc	accctgcac	tgtacacctac	atttacctgc	tagaagtaaa	180
aattagttaa	gtggaaatga	ttatcatata	tattttctct	cttctctttg	aatgtacaca	240
atgtaacaag	agtgacagac	ctgaaattac	aatcaccaaa	caaaccgaag	atagttgttg	300

<210> 1029

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1029
 gaaaaatatag gcctttattg tctttaacat tgaagtaact ttgtagtttt attcaattat 60
 gagccagcag atccttagtt taggccctta tattgcatac ctaattagaa ctttccccaa 120
 agttcaactg catgacctta atgtattgga gcacgtctta caggtggact taaaactcta 180
 gaatttcctg agtcgttggt attttccact gaaggtcttt ccactgtaca gcatttcagg 240
 catcatcact atgattcttt tttcttgact gttgcttggt ttcccactgc tcttttcccc 300

<210> 1030
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1030
 tacaagttgg attactatga tgtgtctcaa gaagttttgg ctgtttacct tcagcaaatt 60
 cctgatagta ccatcgcaact caatcttaaa gcctgtaacc attttcgcct ttacaatggc 120
 agagcagctg aggtattgat ggaagtgtgt ttttaatgta cttcattcca atttgaatta 180
 ctttatactt tccaagttat tcatgaaact ctgttatctg taactcttga ttaatatccc 240
 tttatcattg ccactgtgat tctataagaa cctaattata tgtttatcag gtattctaaa 300

<210> 1031
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1031
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 cctctggaga gcacaacgca tggaaaggctc tggaaagctc gtgtagccat tcttctgca 180
 gtcactctac ccaagtaaaa gtaaccttgg ctatgttaac accgttttgg tcaaccagga 240
 ggacatctta gcaagggtgc ctgagaggga gtgtgggact gggcctcatc ctgcgcggcg 300

<210> 1032
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1032
 atctagttga ggcaaagctc atttggctat agagtaaatg taagacttgt tacaacagaa 60
 atttaagtgg ccagttcaat gtcctttggc tatatttgac ctacctttaa aacctagccc 120
 atttcatatc agcctcttct gtgcctgggc ttgaaatgtc taaagctgcc ttctgtgtctg 180
 ggattacacc atgtagggtca gtataaagag ggcagtcact cctccatttc tcccagcgtg 240
 tccagttcag cagatttcta aagctgttaa gcagcctctc tttttgaccg tcttaaactt 300

<210> 1033
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1033
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 gtatccctaa aacctgcat tggctcgac aggagttgtc ccatattccc ttgcagactg 120
 gtcactccat gttctctgtt acagtaagga ccagccaagc ttcagctgtc ccattccctcc 180

ccctacaaca cacacacctt tcaggcaggg aggagatgag cttccagccc caagagtggg 240
 ggctgccaca tcctaacata gtatctattg aaaaggaagc agtgtgtatc tatgattata 300

<210> 1034
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1034
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 tggtcagagg atcagattct ttcaagaggc agtttctttc attcagcctt ttacttgagt 120
 gaagcaggct tggtgggcat cagtgaatat catgctaaga gttccgtagt tcaaggagac 180
 ctagaataag ggggaaagca ctttgatgaat tgcccaagtt attgcctagg gatatgcata 240
 ttgggagccc tgaggagtgg ccaaggcacc acagaacaga gactcacact cagtaccta 300

<210> 1035
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1035
 gtcggctgcc agcaacaatc accaggtacg tctcacttcc tccttctgga tgtggctggc 60
 tttacggaaa acagagcgta tttgtgaagg cttgtgatgc attatagcta ttgccattcc 120
 ccaaaagcaa aaacaaagtt gcttttaggt tggtctgtgg catttctggt gggactaac 180
 aaagaaatca cctgttaagc ctgataatga ctgtttgcaa aatttattat aagagaaaag 240
 gcaggggtatt gaggggttgc tttagaagtc tgatcatgata tgaacacaga cccagaaac 300

<210> 1036
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1036
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 attgtaaatt cttacgtaca gcatcacaaa agacaaggaa tactgtcata tccttttagc 120
 aaaatgatat tgccataggt cttgttgcaa aataccacat aatgaaatcc ttccgtgtgc 180
 atgattaact ggggtgagaat atcatcttcc cttttgggcc gtagaaatgt attattcact 240
 actccattct tgagggttgc tttttaattt ttttggagac agtctcactc tgttgcccag 300

<210> 1037
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1037
 gctgggtgtg gtggattaca cgcgtgagcc attgcaccca gccttaaggg accaggactt 60
 tatctttcta cctgctgta ccatctttag ctttttatct ttttattctc atgcttttgt 120
 ttcttcatga tgtaggatg gctgccataa ctccagggtg tacaccaatc ctctaaacaa 180
 gaaacaaggg gttgagacaa aacactctga gaagggtttc tgggaacaaa agacctccaa 240
 gctgactttg cttcataact cattggctca aactgagcta tatgccata cttagagcaa 300

<210> 1038
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1038

gtgtttcttc	tacctcccct	gcacaacatt	gtttatatgc	cccctaaaat	gtaacttctt	60
tagattctgt	tggtacgtgc	aacactgtat	atctctccat	agcacttaat	cagagtttgt	120
aattaggcat	ctttttgtgt	gattatttgg	taaatgtcca	tatcccctac	tagcctataa	180
gtcccatgac	ttctaggtac	cctgtctgac	tacgtgtatc	actgtttcta	ccgcctaaca	240
ttgcctagca	cattcattgc	ttcacaggca	tctgaatatg	gttttataaa	atacattgct	300

<210> 1039

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1039

gccatgttgg	ccaggttgg	cttgaacttc	tgacctcaag	tgatctgcct	gcttcggcct	60
cccagagtgc	tgggattaca	ggtgtaaact	actgctcctg	gcctggaatc	catttttaat	120
gggaagcaca	atttcatagt	taatagttgg	gggcaggagc	ttaagttata	attgcagctc	180
actaattct	tagaatgaat	atagattgaa	gtcttgggg	ttttggcatg	atttgtgaga	240
tgaaattatg	tgatagcaga	aggaaggcct	cctgcacttc	atgtttacag	tagagtccta	300

<210> 1040

<211> 134

<212> DNA

<213> Homo sapiens

<400> 1040

gtaaaagtca	ctctgaggaa	ggccagaaca	gtgcagtggc	tgctggggtt	gatgaaccgt	60
actcctcaga	gcacttaggc	ccgtgggttt	tcagctggag	ctcatctgag	cccctgtggg	120
gggctgttta	ggac					134

<210> 1041

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1041

gtggaatcag	aggtttctgg	ctgactcgg	gggtgctttg	aaccaggaaa	ggacaagaaa	60
gaggtgagtt	gcacttggca	gttatagtac	agctgcctgc	ctgtggctct	tcttgctttg	120
aggtttgcct	cttcttcagt	gcaacccttt	gccagacat	ccctaattgc	cccagctcag	180
agcagcagtt	ggcaggcagg	agctttgcag	ttagccatcg	gagagcccca	cagacagggg	240
ttaataagta	caaacagtca	tcacaattaa	ttcaggccag	gctgtgtgct	cctggccttt	300

<210> 1042

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1042

ggaaagccct	gcatgacagc	ctgcatgact	gttcacattg	gttttacaca	cgctggaaag	60
attgggaatc	atggtattct	cagagctttg	gtttacattt	ttccttgaga	gaagaacagt	120
ggcaagaaga	ctgggcattt	atactctctc	ttgctagtca	gcctggagca	agcttggagc	180
agacgcacat	ttttgtactg	gcacatattc	ttagacgacc	aattatagtt	tatggagtaa	240
aatattacaa	gagtttccgg	ggagaaaact	taggatatac	tgggtttcaa	ggtgtttatc	300

<210> 1043

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1043

ggtagaagaa	gaaatgatta	cgaaaatcct	ggataagcca	gctccctttc	aaggggatca	60
gtgtcctcag	ccccccacc	ccacctaaaa	agcagggtccc	attcagccca	gccagctcat	120
ccctgcagtt	ccatccagga	cctacaggtg	tcgccctccg	catggcgagg	cccggaaggg	180
cagctggctg	caggaggcag	aggagtctgg	accgcctaac	ctgagcatgt	ggaaataata	240
tatgtcttca	agtgaactgt	ctggctcctg	agaaataaaa	taggacattc	ataagcagtt	300

<210> 1044

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1044

cccaaagtga	aaagactgct	gtcagatagc	acttgccctc	cccatattat	tcagctactg	60
ctgacctttg	accctatcct	tggtgagaag	gttgctattt	tggtatacca	tatcatgcaa	120
gataacccac	agttaccccg	cctttatctg	agtggagtat	ttttctttat	catgatgtac	180
acagggttcca	atgtgcttcc	tggtgctcga	tttttgaaat	acacacatac	caaacaggct	240
ttcaagtcag	aagagacaaa	aggacaagat	atttttcaga	gaagtatact	tgggcacatt	300

<210> 1045

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1045

aaaagggtgaa	tgcaagggcc	tggcccagac	cccagccctg	tgtgtcaata	caactttttca	60
cgttgtttaca	tacacatttt	ccagtctgtg	tctccctctg	aaagaaaacc	tgaaattcag	120
gttgctaata	gattgtttgt	tgcaagtatg	aaggacagag	gaggtaagag	aggaggcaac	180
ttgctaattgc	aaaagcagtg	tactgaaagt	cactttttatt	tcttattttat	aatctacatg	240
cacactctgg	ataatagatg	acactgctca	ttcagtactt	taacttcaaa	gcagagagaa	300

<210> 1046

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1046

gactgacaga	ggtgccaaca	tggcattctg	tttttgaaaa	gttacatgac	actattaagt	60
attgaaaatg	ttctaactag	aaaaacgatt	ttcttaatac	tagttttttat	tgtgggggtg	120
gtatgtaagt	tttaacgtgc	aaattaacat	atagaagtca	ctttgtgagg	tttcatttaa	180
atgtattttct	cagatttttgc	tgaatctgta	atagccattg	aaatatttaa	gtaccttggc	240
tgttccttggc	atcaataaac	agattttttct	tccctctctc	atgccatata	aaagttgaca	300

<210> 1047

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1047

cactcttttta	tattagggac	ttgagcatct	ggagagtgtg	gtatctgagg	gagttcctgg	60
aactaatgtg	cagatgccaa	gggacaactg	tactattgta	cttggaagta	ctcatgggggt	120
catattgcat	tgtttctttg	agtcctaatt	ctgccaacat	ggcctgggtgc	ttgcattaat	180
cagcttttcta	atctctgagt	aacaaggcac	agtaacaagg	agcagtaaca	aggcacaagg	240
cttggcacct	gagagtggag	gtacccagga	ggcagacacc	ataaggcggg	aaatggacat	300

<210> 1048
 <211> 229
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(229)
 <223> n = A,T,C or G

<400> 1048
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 tctatcctgc tggaaaaacc ggacagactc agaaccacaa aggcagggtgc tgccagcctg 120
 ggcctttcct ctctgcttag gctggaatga gcttgtagag gcctgtgcct caccntttct 180
 ntcttctagg ctcanngnat gcttaancng ggcnnngtnc acggcacct 229

<210> 1049
 <211> 272
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(272)
 <223> n = A,T,C or G

<400> 1049
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 agcagtcttg caaggaagca gggcagagac acagcccatg gccctcact gccctgctgg 120
 aagggtgat ggagctcccc gcagcatggt tcttgcttg gtgacagagg ctctgtggc 180
 cacttttagaa gtgcggttta ctctcatgc nganattgga cnttgggcat ntcagttctn 240
 nnagatgttg gtttgccgnt atntcttttn tt 272

<210> 1050
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1050
 ctgggtgacc cgaacacctt cctcatcacc acccatcact ccacctgctt cggagaccaa 60
 gatcatgtct ccgagaaaag cccttattcc tgtgagccag aagtcatccc aagcagaggc 120
 ttgctctgag tctagaaata gagtaaagag gaggctagac tcaagctgtc tggagagtgt 180
 gaaacaaaag tgtgtgaaga gttgtaactg tgtgactgag cttgatggcc aagttgaaaa 240
 tcttcatttg gatctgtgct gccttgctgg taaccaggaa gaccttagta aggactctct 300

<210> 1051
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1051
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 agtcgactcg aggcacaact agggtttggg gttccggata tgcctaggc ccaacatcgg 120
 accgcgtctc cgattttctgc cgcgtcccg ctttaggacg cggagtccgt gtgcggttcc 180
 gtgaggctgg agggtagatc ttaaggatca acaaacagta ataatgactg aatgtacaag 240
 tcttcagttt gtcagccctt ttgcttttga ggcaatgcag aagggtggatg ttgtttgcct 300

<210> 1052
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1052
 attagtata agtatatatg gacatctaag ggaacaaaga aactaacaaa agacaagaat 60
 tttcaagaag gaaaacaaag aaaaaaagggt aatcagggta tggtacatag tttagctgct 120
 tatagttttt ctttggttct gctcatggaa acacaatgac tatcaatcta agtaagacta 180
 taatatatta gaaggatggg tgatgagaag tgtgaagtgt tgcaaaggta aatccttata 240
 ttccgctatg aagtatcaat aagcaatgcc caaaaaaatg aactattaag aagtaactgt 300

<210> 1053
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1053
 acatctccaa gcagggactt agtagttata ggtgggtctt aaggattctc cagtcagtct 60
 ttaaactgct ggcaccgaag cctccagtgc ctttctcttc tatatcccat agagagttac 120
 tgaagtagtt ctttttggat ttcaagtggc ctttttagtag agcctttctc cttaaaggatt 180
 aaaacgtgag actgcgggct tgagccaaaa agcagtcaga gggacaaata ctggggtttta 240
 cttagaataa cccacctgcc tagtgccagc ctaccactct tgaacaaaac ttgtatgatt 300

<210> 1054
 <211> 271
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(271)
 <223> n = A,T,C or G

<400> 1054
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 gaggctgagg ctgcattatc gctttaacct ggggggcgga ggttgcaagt agcctngatg 180
 ggggcaataa naggnaaact ttggctcaaa aannanaaaa taaatanncn atanaatatg 240
 cnaagccctt tntcttcng nncctctcg g 271

<210> 1055
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1055
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 ggtcctcaag gctgaggaaa gcgtaaactg tccagacca gggaggccaa ggaggcgcga 120
 tgactcaatg tcatgtggtg ccctggatgg gatccaggga cgggaaaagg acacttggga 180
 aaaactgggtg aagttcacgc aaagtgtccg ggtagttca gcatcagaag accaatgatg 240
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<210> 1056
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 1056

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gccaaagattg	tgccagcctg	ggcgacaggg	tgaggctctt	gtctcaaaaa	aaaagtccac	120
atcttcatga	accctcagac	tctggagttg	ggtgtcggct	tttttagcca	gcttttgttc	180
cgttttagtga	gaacctatta	aagaaggaaa	gtgggtaatg	gagtcaccagc	cactcaagag	240
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<210> 1057

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1057

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gtcaccacgc	ccagctaatt	ttttgtattt	ttagtagaga	cgggggtttca	ccgtgttagc	120
caggatggtc	tcgatctcct	gaccttgaat	cacaagagtc	ttaacaggga	atgtttcagg	180
aaacaaatag	gataagacaa	tgccagagga	aggatagaaa	catgggaagt	ttctatcatt	240
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<210> 1058

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1058

gagaaccccc	tcaaccctt	cctcctccct	ctggggatga	agtgggagta	tttggctccc	60
cattttttgac	aaaagggtc	agtgcaggga	ggtggaggcc	tctgagggtt	gaagggtctt	120
gtgagttaga	gttgtcacat	gttctcctgg	ttcttgaatt	tgacagcagg	cctgaaaagg	180
aaggctctgc	tggccccgtg	ccttcctgac	cttctctctc	cttccctccc	ctctcttttc	240
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<210> 1059

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1059

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agaagaaaaa	gaagcaatat	ataaagaacg	ttggccagat	tatgtaaggg	aactgcgaag	120
aaggatattct	gcaagtactg	tagatgttat	agaaatgatg	gaggatgata	aagttgatct	180
gaatttgatt	gttgccctca	tccgatacat	tgttttggaa	gaagaggatg	gtgcgatact	240
ggtctttctg	ccaggctggg	acaatatcag	cactttacat	gatctcttga	tgtcacaagt	300

<210> 1060

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1060

cccgggaagca	tccaggatgt	gggaacattg	tgacatttgc	acaattttta	tttattgctg	60
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ttctctaatt	gccaacatga	ttctaggaat	tatcattttg	aagaaaaagat	acagtatatt	180
caaataatacc	tccattgccc	tggtgtctgt	ggggatattt	atttgcactt	ttatgtcagc	240
aaagcaggtg	acttcccagt	ccagcttgag	tgagaatgat	ggattccagg	catttgtgtg	300

<210> 1061
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1061
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 gctgtttcca gttcgaagcc attattaata aagctgcaag gaagaaatat ttttatggat 180
 gtgtgttttt atatctctga taaatatatt caactggaat cattgggtgt attgggccat 240
 tctccattg ccaaaaagaa atacctggcc aggcgcagtg gctcacacct gcaatctcag 300

<210> 1062
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1062
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 aaattggatc aagaatatag gtgtaggcgt tagccatttt atcctgggag aagggaggaa 120
 atgaaataaa aacaggaata gatagacgtt ttgaggcgaa aggaatgaat ccagcatgct 180
 ctgttttagt atgtagatga gatcacctgg gaaggcatga atgggcgggc tgagtggggt 240
 agtgacttca gaacagtaat aagggttgaa aagcactgct gtgtgagggg gaaggaatgt 300

<210> 1063
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1063
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 tgtagccag gatggtctcg atctcctgac cttgaatcac aagagtctta acagggaatg 180
 tttcaggaaa caaataggat aagacaatgc cagaggaagg atagaaacat gggaagtttc 240
 tatcatttca ttttctgcgt ttccagcatg cccttgga aaagactccctt tagtcccttt 300

<210> 1064
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1064
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 tcaattcagt tgccaaatag agcagtgggc aatgttaacg gaaacaactg caattggcgc 120
 agtatggagt gcctatcgca ctaggaaatc tgagggtcac aaaagaaagg agatgtgagg 180
 ataagaaact ttgtttttcc cttgttgagg actctttagg cctcggtttc tggtagacgc 240
 cccagggatc atcaggcccg gaggaatgt gactattggg gtggagcttc tggaacactg 300

<210> 1065
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1065
 ccttggtaaa aacatatgtg cttttccact gctaacttca gaccacact ttgcccgcat 60
 ttctgcagat cataccccta gccaggagc ctcccgcaga cttcagagcc tgctgtctc 120

accagcgccc	ccacatggcc	ggctctgagag	caagtggaga	gtcacagtca	cagtcacagt	180
gcccacgccc	tccacctggt	cctgacgggt	ccccagggga	caccatataa	ccttagtcat	240
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<210> 1066
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1066						
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ttattatcct	tctagctaaa	tgctctgggt	cttaattcac	gactccaagg	ttgctcttga	180
ttttaaggaa	cattttggca	gaatagagag	aagttgagca	aatattaaca	gatgtccaaa	240
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<210> 1067
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1067						
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gctccacacc	acagcttgag	atctttgttt	gtttcactgt	gtgagctttc	ataaagtctg	120
ttgccattcc	atctctgtgt	taacacttca	tattttttatg	aaattcagat	aattttgtgag	180
aggtctggcat	ggatctaagg	atcttattatt	tttattctag	tccatcagtt	cagtcgcagt	240
ttttatacta	ggacttttagg	atgtacataa	atgtgtgact	gtttgtcttg	attaaaagtg	300

<210> 1068
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1068						
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gactgaaaat	aattagactt	gcagcatgtc	cttattttttt	gacatagtcc	ttaaactctgg	180
gtaaatgcag	gcagacctta	acctacatta	tagcatcggg	gtgtttattt	ggagagttag	240
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<210> 1069
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1069						
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acaccatcag	atctggttct	ctccctgggg	cccaaggatg	ctcttctttt	tcattctttta	120
ttttgatcat	ggaggtgttt	tcacagagtt	tatccccagt	agtaaattac	attccaattc	180
tgtgagtcag	aacaacgttt	taacatgcac	accaacgtcc	gggttgctgt	tttgctacca	240
gttttgctctg	gggtgcaggt	atcttttgag	atgggtctaa	aacatctcaa	aaccacatga	300

<210> 1070
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1070

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ccctgaaggc	ttgcccacct	gtcagtatgg	atgtctgtgc	tttaagaata	cagcttttca	120
taggcttgaa	agccatctgt	cactttaaaa	accacatcat	acttttgact	aaagcagaac	180
ctgaagccat	tccagagaga	agacagtcac	ccaagaggct	tctgtaagca	tccccttgcc	240
ccaggcattc	ctgccagttt	ctggaatgag	ttgtaactgg	tatattttgt	gtttatcttt	300

<210> 1071

<211> 198

<212> DNA

<213> Homo sapiens

<400> 1071

ggaaaactgc	taaattaaaa	tactacattt	tacggaaact	gtggagctgc	ctccttgata	60
gaatgttagg	tctgtttttg	ttgtcttctg	cctatgtctc	ttgacttgca	gtttcttttg	120
tttcaaata	ctctgccctc	gtatataactt	tggttagact	acttttggtg	aagcactctc	180
caatagaaga	acataatg					198

<210> 1072

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1072

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tatggataga	agcatggtct	gggttccctt	tgctgaccag	ggtgtgtgct	ttgtccaagt	120
tactgacctt	cccaaacctc	atcaatgcac	ataaaaagag	cacttgcaaa	caatgaatct	180
agacatggac	cttcacaaaag	aaataactca	aatggatcc	caggcctaaa	tgaaaaatga	240
aaaactataa	aactcctaga	agataacata	aaagaagatc	tagatgacct	agggtttggc	300

<210> 1073

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1073

ccagaactgg	agcgtctctca	gtaccccatg	gagtggggca	agacttttct	ggcctttctt	60
tatgcacttt	cctgtttcgt	tctcaccaca	gtgatgatct	cggtcgtcca	cgaacgagta	120
cctcctaagg	aggtgcagcc	tccactaccg	gacacatttt	ttgaccattt	taaccgggtg	180
cagtgggcct	tttctatttg	tgaaattaat	ggcatgatcc	ttgtaggact	ctgggttaatt	240
cagtggctgc	tcttaaaata	caacatgcc	agggattgtc	tatttccctc	ctctcaacaa	300

<210> 1074

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1074

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aaagatacca	tctgtgaact	gtgtggggag	tcacatccat	acccgggtgac	ctatcacatg	120
agacaagctc	acccagggtt	tggccgatat	gctggtggac	aaggttacaa	tagcattggg	180
catttttgtg	gaggatgggc	tggttaactgt	ggtgatgggt	gcataggagg	aagcacttgg	240
tatctggtat	gtgatcgtg	tagagaaaaa	tacctccgcg	aaaaacaggc	tgctgcaagg	300

<210> 1075

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1075

ggcacc	ccccca	agatgt	ttttc	ttctta	aatta	ttccta	aaata	cttttat	gtg	ttggc	attaa	60
attgta	actt	tatagg	ctcc	cctatt	cttt	ttgctt	tttt	ttcccc	ctga	aattact	gag	120
caaca	agatt	cctgtt	ctct	cccctt	caag	gctttg	tttt	ctgga	acttg	acattct	caa	180
atcatt	gcc	gttatt	ttta	gtacgt	gatt	agtctc	ccct	cctcag	gtat	gttttccc	ca	240
atttgg	attg	aatctac	tgt	ttgcat	cttg	tttccc	atcc	caacct	tcata	cagatt	gtat	300

<210> 1076

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1076

tgcta	aattca	gcccta	aaacc	ccatcc	tcta	caacat	gaca	ctgtgc	cagga	atgagt	ggaa	60
gaaaat	tttt	tgctgc	ttct	ggttcc	caga	aaaggg	agcc	atttta	acag	acacat	ctgt	120
caaaag	aaat	gacttg	tcga	ttattt	ctgg	ctaatt	tttt	tttatag	ccg	agtttct	cac	180
acctgg	cag	ctgtgg	catg	ctttta	aaaca	gagttc	attt	ccagtac	ccct	ccatcag	tgc	240
accctg	cttt	aagaaa	atga	acctat	gcaa	atagac	atcc	acagcg	tcgg	taaatta	aagg	300

<210> 1077

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1077

taagt	gggct	aagacc	agaa	gagaga	ctta	ttcgct	taag	tagaa	acatg	tgcc	ttttat	60
taactg	cagt	cctgc	atttt	atccat	ggaa	tgacag	accc	tgtatt	aatg	tctct	cagt	120
cctctc	atgt	gtcat	ctttt	cgtaga	catt	ttcctg	tgt	gtt	gtctct	gctt	gcctgt	180
ttattc	cttc	tgtctt	actc	agttat	gttc	tttggc	atca	ctatgc	acta	aatacat	gggt	240
tgtttg	cagt	tacagc	attt	tgtgtg	gaac	tgtgct	ttaa	agtaatt	gtt	tctct	cactg	300

<210> 1078

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1078

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aagtc	acaag	gtcagg	gaga	ggaga	aaga	cgtg	ctgg	at	gagtc	acact	gtagg	actca	120
agcc	agtagg	ttctt	gttag	cccgg	ctact	gacct	ggagc	caggc	actga	tagca	acgtg	180	
tcct	ctgagg	gaagg	caaat	gggaa	atcca	agcag	gcact	gggat	ctgcc	tgtga	acttc	240	
ttgt	ggggcc	tggtcc	ctcg	acctaa	agtga	gcttgg	ggcca	ctcag	agcca	ccccag	gtgc	300	

<210> 1079

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1079

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agcc	atatca	ttagt	gaccc	tcggc	agaaa	gaaa	agaata	aagcg	ttggc	ttctg	atttt	120	
cctc	acattt	ctgctt	gtgc	acatg	agaca	ggcaa	atgta	cactg	gggg	ac	caccat	gttc	180
acgt	gacatc	aagag	gaagc	ggaa	accagt	ggcc	acagca	tcttt	gtcta	gcccc	agtg	240	

agggtggtaga aggacagccc ccttgccttg agacaacact cggaggcctg tattccagcg 300

<210> 1080

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1080

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aataactatt	catgatattg	ttaataactt	gttataggat	tgtattccca	attacagtct	120
ctaagattgt	aattgatatt	atctgagagg	tagtgtgaca	actttctttt	gttgttacat	180
taagccgaaa	acataaact	aatagacaac	taacagtttg	cttatcaggc	acatcaacta	240
aggcacctcc	ccccatgcta	agtttctcct	ggatataatg	aagttgattg	tttcccagtt	300

<210> 1081

<211> 241

<212> DNA

<213> Homo sapiens

<400> 1081

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cagttgtgtc	ttttacgttt	ccacgcgtga	tcttgacctt	gctagcctga	agtgtatggt	120
ttctcttagc	cagttctaat	ttttgttcag	gtggaagatg	gatgcctgaa	gtgtagactg	180
ctgctagctg	aataccatct	gggagcataa	aggtgacctg	aaggtagggt	gatatgtctt	240
a						241

<210> 1082

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1082

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gcacctgggt	cccattacac	agacgtagac	attgaggtct	agttagaagg	acttgccagg	180
agtcctgtaa	tagagcttgg	cacttgggtc	tcttgactct	cagggactgg	gtgtgaggga	240
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<210> 1083

<211> 240

<212> DNA

<213> Homo sapiens

<400> 1083

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actgcccgcc	ttcacgctgt	cccacctgga	gagccaccgt	gacggccagc	gcagcagcat	120
catggacgtg	cggtcccggg	tggtattctaa	gacctgacc	cgtaacacga	ggatcattgc	180
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<210> 1084

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1084

cttggaggct	gtttccagct	agagaaagac	ctgcttattt	ctcactgaat	aaggttccaa	60
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caggctgcc	aatcctgtgt	atgcctgtac	ccaaatggaa	ggagtgcctt	tcctcaattc	120
ataaaaaaga	caaagacagt	ggtaggatca	gctattatgt	cagtacatga	aaggaacccc	180
ctatctcaat	caaaatggta	aaggaagcct	gtctcaaata	acagcagaga	aactcagttt	240
accagactat	aaaagttcct	tgggtcaagaa	gataaagagc	tctccagaat	aagaatacct	300

<210> 1085

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1085

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ttcgcgagcg	gctgctgagc	gtgcagcagg	atttcacctc	cgggctgaag	actttaagtg	120
acaagtcaag	agaagcaaaa	gtgaaaagca	aaccaggac	tggtccattt	ttgccaaagt	180
actctgctgg	attagaatta	cttagcaggt	atgaggatac	atgggctgca	cttcacagaa	240
gagccaaaga	ctgtgcaagt	gctggagagc	tgggtggatag	cgagggtggc	atgctttctg	300

<210> 1086

<211> 208

<212> DNA

<213> Homo sapiens

<400> 1086

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tccagttata	tgctaccctg	tacaggttga	taggttgcaa	atgctttctg	tccagtgtat	120
cgtttttag	ctcactaagc	agttttgtat	ccaactttgt	gcttttattt	cagtgttttt	180
ctttttcttt	ctttcttttt	tttttttt				208

<210> 1087

<211> 205

<212> DNA

<213> Homo sapiens

<400> 1087

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ctaagacgat	aagaatatca	gtttaagtcc	tgttacagtt	gttttcatga	agcttgtaag	120
attgatattt	aagtggacaa	agtgggaagt	agtcagtttt	cagggctaca	ggggctcatca	180
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<210> 1088

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1088

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ccagggcacc	caaacctccc	ttccctttcg	tgctogaagg	agtgaggagt	gaattaagga	180
agagagcaag	tgagtgtgtg	tccttgagg	gggtgggcgc	cctctggtgt	taccacctcg	240
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<210> 1089

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1089

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tcagaagcca	gaagttcatg	tcattgattac	caggaagttc	aggccagaat	gaatccctag	120
agaagccagg	ccaagcctgg	ataattgcag	ctggatgacc	ctggcccga	agtcacagtt	180
cagttgcctt	attcctagtt	caggcttact	atctagaacc	tcattgctagc	ttaggttgca	240
tgtttacatt	gctgcagtgt	ctttactgga	agcttagttg	gatcgaaatg	gacaccgaga	300

<210> 1090

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1090

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agaatgagca	tgatgggaaa	aggagaaaat	tgtatgctgc	agatagaggg	aggaaaggcc	120
aactaggtcc	aacaagttaa	aagaggacta	gtctcaaaact	attaaatata	tgattttacct	180
agcaaaagct	ttaagtcaca	gctgaattac	actggggaaa	caattacaga	ctttacaatg	240
gaaagaagca	tcttcaatgt	tggtctgcaat	cactgacagc	aggaatactc	acttttgaaa	300

<210> 1091

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1091

gcctggggcc	cttctagcct	gagctggtga	cctgggcatc	tgcaccctaa	ccccagctga	60
ccgagtcaga	tctttgtcca	gtgttctgaa	gatcaaatgc	cgtgcccttt	tgcaatataa	120
caccagctgc	ttttagtcca	cagcctctga	catgcgattt	gaagacacgt	tttatggagc	180
agacattatc	caaggggaga	gaaagagaca	aagagtgtcg	agctccaggt	ttaagaatga	240
atatgtggcc	gaccctgtat	accgcacttt	tttgaagagc	tctttccaga	agaagtgtcca	300

<210> 1092

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1092

gttgccaagg	attctattgc	catgtgttga	ggagttaggag	caaggagata	gagcaggacc	60
aatgtttaca	taagaaccca	ctattaaccc	ccaagaatct	gtcttgtgag	ggagataaat	120
agttatcata	catgcgataa	gtcccacacc	agcacatgaa	aagattagaa	gaacaagaga	180
agggaagaaa	cctactgacc	tgtttcaggg	tggtgatgctt	cataaagagg	ataacagtta	240
agccactaac	agtaatgcct	ctaactctga	atctgttacc	tactagtttt	gtgtccctgg	300

<210> 1093

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1093

agaaccttta	ttttaacgtt	tcccagttgc	gactatctct	ttggaaatgt	gcataaataa	60
aagccaagtc	ctaacagctg	cagcgggcat	tgattggaac	actgactcct	aaaaatttta	120
tgcgtatatt	ctctcattta	tttccataga	aggtgaggtt	aaattactcg	ctgaagttcg	180
cacatttagt	aaatggagat	ctgggatgca	aatccgctat	gcctgaccgt	aaagcctagt	240
tttacccttt	acattttgcc	tattcagctc	tctctactcc	ttggttttgc	tgataaagag	300

<210> 1094

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1094

actcaaaagc	ctggaaaagc	aagggcagcc	ctgtccagct	aagctcccca	ccctctaccc	60
tgggagtgtt	tgtccgtggg	ccctcagggtg	ccgctgtgac	ctcttccccc	tagaagctga	120
cacactgagt	cctcttagcg	ctctcctgtg	atggggaagc	cgggagagaa	tgggccctga	180
aaatcagaac	tagaacatag	aatcctctct	atcttcttca	acagaacccg	caaagctatc	240
aagaaaatgc	atcccaccat	attgcacatc	tgaaaattgt	ctttcttget	ttctgatagt	300

<210> 1095

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1095

ggtgctcgga	gtgtggtact	tctcctagtt	gcagtcaggc	ttcatacget	attgtcctgc	60
ccgtaagtgc	ccgttttgtg	tgtggtgagt	ggaaactcca	tgttcttcgt	tggagacctc	120
tggctcctcc	ttcccttctt	tgtgccgtcg	tctctgcggc	cagccctaata	ctccttctcg	180
tggcttctcc	gtctctgacc	ccaaataggc	cttaagggcg	tgggagaaat	gagtttctgg	240
agctggaaaa	gccactgcct	tctgcacggg	cctgagaagc	ccttggctgg	tgtaaatgat	300

<210> 1096

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1096

atttagtgag	atttgtattc	taggaagtgt	gtgccgtcac	ttgttcattt	acaactgcaa	60
agattgtatg	tctcctatgt	tttcctttca	tgccaaagaa	actcaccctt	tttaaaagcc	120
agcagggttg	acaaaccaaa	aacaaaatat	tttgccctt	aaataggcat	tttaagaagt	180
tttatttctc	ggtacttaaa	tattgtgtag	agggaaagct	agttgtaata	atttgtaaaa	240
atgcgtgtat	tttttaggaat	gcgctatttc	cagtaaggga	agtattgaca	tttttaagga	300

<210> 1097

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1097

cccagaatga	acatgcagcc	cccccaagta	atcctgtgat	cccagggttt	caagatagac	60
ttttgagttt	ttcacagtct	gtcttaactc	agcaagataa	cttgggactt	cagaaacagt	120
tggatctaca	aagagaagt	ctgcattata	gccagaaagc	ccaggaaaaa	ttgcttgtac	180
agagacaaac	agcattgcag	cagcagatac	agaaacatga	agagactttg	aaggatttct	240
ttaaagacag	tcagataagt	aagcccacag	ttgaaaatga	tttaaaaacc	cagaagatgg	300

<210> 1098

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1098

gtactttgag	tgttttgggg	ttcaacacac	acatgcaatt	ttgcttaaca	aaagtatttt	60
ataatacagt	ttcatacaga	attaccttaa	aaggagagtct	tatgttttca	actacagata	120
gttgtaaggg	atcatacaga	agatattgat	gatagttgaa	atattcttag	aaggggtgtg	180

tatgtctagc	tgtgtctacc	atgtgtatgt	attcttgaca	agcagtataa	aatacctgtg	240
atctttcttt	acattagggg	taatgcataa	ggaattaatc	ttcatatata	ttatcatccc	300

<210> 1099

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1099

gcaacacaaa	ctgaatttcc	ttattgctga	tagctgcctg	tagaggggtg	gtcaaagaga	60
ctctacctgg	aaaactctta	cagaaaaaca	ttattgaata	ccctcttagt	ttcagagttt	120
ccagtctcat	ttctccttaa	atctattcac	caaaacacca	ccagtttccc	ctaccacaaa	180
cacacacata	agtacacact	cacctatfff	caccttctct	tccacttcca	cctttgtgtt	240
gaacctgatt	aaactctgat	acttttaact	ccaaaatatg	ctatgctctt	attaacaact	300

<210> 1100

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1100

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gattgtatgc	tgtctgtaga	atgttgattt	tcaggcacgg	ggatgtagct	gtagaatgtg	120
gcttgttcat	tcttcctgat	aagaaattga	tctcctgaat	ggattggcca	tttggttaatt	180
tcttagtgaa	aggctgactc	ttgaatatgg	ctgttataat	ataaattctt	accaacataa	240
agtaagggct	tatttggggc	ttggtaaaac	tgtcatgcct	tgaagtatat	atagcttata	300

<210> 1101

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1101

attgaatttt	ctgataattg	aagcttatta	attgtctaaa	attatcttaa	gatattctct	60
gatgtacatc	attttaaaaat	gagttgcaca	catttctatt	ctgtttcaac	atattcaata	120
taatcttcgc	tcttgttcat	ctgttggtat	tcattatata	attcagacgt	ggctctcagg	180
ctggagacat	gtgaagttat	tgctcctaca	ctgagtgttt	ccatgtcatt	atgccttaat	240
ccttatfctag	acacagctat	gataccctct	ttacaacata	aaggataagc	agaaggatgt	300

<210> 1102

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1102

cacaagaaat	gaaattaaaa	aataaatcaa	gcagccatat	gctcaacttc	attggaccac	60
tgcaatcctg	gtgacatatt	gagggtctga	gaaacccatt	gcatatagtc	ctcctgtcac	120
tggagatatg	tgtggtaaga	aagagaaatg	gccacgttgc	aatagcagtg	ggaagcaaat	180
gcagaaagca	cccaggaaag	gggaagatct	aggtgacaga	ggccatctag	tcttttggat	240
tcctctgggt	ctggcacaca	gagaatggag	cttttgtggc	aataatttct	ctactgatgt	300

<210> 1103

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1103

aggtgttgaa	attacagaag	ggaccatttc	tggcaacaca	gcagaccaga	tatcctataa	60
aagtcttcca	ttacagaaca	cctacacatc	aggagctcaa	aaacagatat	attctttaaa	120
tgtctagcca	acattttgga	aaagtgtggg	aaatccctca	gggccaaaac	cagaggggagt	180
tggacaccag	agtgataagc	agacactgaa	ggcaaggcca	acctcagggc	ttggctcaat	240
attctagaac	tttacccttg	ttctcaagtc	tccgtgtgga	caggggatga	gggttacctg	300

<210> 1104

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1104

cttggccctg	ctctgtttta	agtcacagga	ccataatctt	ctgaatacca	aatctaagac	60
tgccctggta	accccagagg	tatgcatgtg	cctaggagac	ggttagttac	tctgagttat	120
gaggagctgg	ggatgatgatt	tttaagtattc	ttgttctggg	aatggagggt	atattctcca	180
ttttgtgaaa	ttcttggaact	ataggttaca	ttccatttta	agctatcacc	cctcagcatc	240
accaccatac	ttgactaagg	tgggactgtt	tgcatagggt	aattttggga	tgggggaaag	300

<210> 1105

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1105

tgggttgact	cgctacatca	gctcagactt	ggctgtgggt	aacccttgt	gaattgttgt	60
ttccacatgt	gtgttgcttc	atTTTTggct	ctccgttgtc	cccatcacct	tcccgcttca	120
ccatagggtt	tagggatatt	tgctgtgtgt	tcaaatagaa	catgaaagaa	gcctttttaa	180
agtatttctg	tgctatttca	cagtcacctt	aattttatta	cagtttttac	gttggtttta	240
agagtatttt	ggtttgattt	atatggaaaa	cttctttttt	aacattatag	taacatagat	300

<210> 1106

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1106

ggctgataga	gtgctagcca	ccaccctctg	tccctccac	agcccagggtg	tcaaagtctt	60
ttctcagctc	ccaagagtcg	aatgaaggaa	gagcctgtct	ccacctttca	gagaggactg	120
aggcctgtcc	ccagccccac	ccagggtctc	ctgggaagac	cagcccttcc	aactaccaac	180
ccgttccttt	tcccagtctg	agccacagga	agagcctagc	ggggaatgtc	atgaatcgac	240
ctccatcctg	agctctccag	gcctgggaca	atggaaagtg	gatagggggc	tgtcttccca	300

<210> 1107

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1107

gagccggcgt	ggaccagggg	ctgagctgtg	accacgaggg	ccatccccgac	gagccgccat	60
ggaccagggg	ctgagctgtg	accatgaggg	ctatccccgac	gagctgccgt	ggaccagggg	120
ctgagccgtg	accatgaggg	ccatccccgaa	actgtgattg	ttttctgatg	aagaaaccaa	180
ggctttgtga	ctaactcaac	ccctcaagaa	ggacaaaact	agcatcagag	ccccttgctt	240
ctgggtctgg	caagaatgcc	tcttgtttgc	tgagaggtcc	acagatttac	ccggctcaag	300

<210> 1108

<211> 299
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(299)
 <223> n = A,T,C or G

<400> 1108
 caaagaccct tccccagagg cctaccccc atagtctctc agagaggctg agtgtccct 60
 ccaggcagtc atgggcctg aggccctcc tgcctggccc tgctccccag tggggagggtg 120
 actgcgtttc ccagagtgtg agccgctctc ctccccctaa aaagctgact cactgtgagt 180
 gaccttgggc aagntnccaa ancttnttga gccttagntt nncatctgg aaaaaatggg 240
 gccanctctt gccannagta cagggctgcc natgccentn tctctncatg cnccatcca 299

<210> 1109
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 1109
 ggcagtgtct cgcggggctc ccagccctgc tgggaaggac cagggaaacca ctcagcaatt 60
 agacctctt ggccttgc ccaccatgca cccagcagcc gggagtgcag cggtcagcct 120
 ggcagtgtgt gaaaccagc cttcagccc tccaaagcct ggggccaccc cctgtagcag 180
 gcgatgctag aataaggagg agagccagag ctgaggctcc ttgccccttg gcccttcag 240
 gggccatggg atctctgtct cccacacccc tgtcacggnc cgcttganc anccatagg 300

<210> 1110
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1110
 ccaagtccg cggccaccag aagagcaagg ggaactcgta cgacgtagag gtggtgctgc 60
 agcacgtgga cagggaac tcttacctt gtgggtactt gaagattaaa ggccttactg 120
 aggagtatcc aaccttaca accttcttcg aaggagaaat aatcagcaaa aaacaccctt 180
 tcttaactcg caagtgggat gcagatgaag atgttgatcg gaaacactgg ggcaagtttc 240
 tggcttttta tcagtatgca aaatcattta actcagatga ctttgattat gaagagctga 300

<210> 1111
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1111
 attctcttag tgatgggctg gaggaagtcc aaaatgcaga catgaaagct tacatggaat 60
 tagtcaacta tatgtgttg actgcagagc tgtatcttca gaggagtgtg gaagctacag 120
 taggggagat cactcatgct aggtatggat ctcccttacc ttggcctctg aatcatatct 180
 atggcctatc agaggcagg ggaagtcaaa cgtaagatta aagctattgg atggggaaag 240
 aagactctgg accaagtctt agaggatgta gaccagcgct gtctagctct ctctcagaga 300

<210> 1112
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1112
 gactagcaca tggcaaggtc aggattcaag ctaggtagtc agtatctcag ccaggctgtc 60
 tcctggctcc ctgaacatta tgggtgctgac cacaaacttt cctgtccact tatacaaact 120
 tctagtgaagt gtgtgtgatt actagcttca tgaatacctg acccctccac tctgaaggag 180
 gaacaggcct gtctggatca cttctctgtc cctaactgag cccatctcat ttagggaaac 240
 tacagagcac tggtgctttt ttttttagatg gagtctcgtt ctgtcgtcca ggctggagtg 300

<210> 1113
 <211> 282
 <212> DNA
 <213> Homo sapiens

<400> 1113
 acctgtttca cctcccaaat ttatatattc aaagtattta cttaaaattc agaagccaga 60
 agttcatgtc atgattacca ggaagttcag gccagaatga atccctagag aagccaggcc 120
 aagcctggat aattgcagct ggatgaccct ggcccgaatg tcacagttca gttgccttat 180
 tcctagttca ggcttactat ctagaacctc atgctagctt aggttgcagt tttacattgc 240
 tgcattgagtc tttactggaa gcttagttgg atcgaaatgg ac 282

<210> 1114
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1114
 ttggtgtgta aataaaactt tagaaagggt ctattgaact ttggacaggc aagctccatg 60
 agctctccct cactctttga ggcagggttaa agggtagcgc catgaccacc accttaatcc 120
 ttcagggaact atttacaaaa gattgaaaaa tgtgcccagg gcccgtagct gccctctgt 180
 ggaactagcc caactcaagt gggctggcag gcaagcctgg ctttcatggg gacagaagag 240
 agagtttgcg gggagcttgg cattttttcaa cacatgcttt ttggcttctc ctactgaatt 300

<210> 1115
 <211> 150
 <212> DNA
 <213> Homo sapiens

<400> 1115
 gaagatgagg aagccagcac tggatctcat ctcaagctca tagtagatgc tttcctacag 60
 cagttaccca actgtgtcaa ccgagatctg atagacaagg cagcaatgga tttttgcatg 120
 aacatgaaca caaaagcaaa caggaagaag 150

<210> 1116
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1116
 gtaccacatc tagatacgag gtcagagttc agatgcctaa atattgtagc ttgtgttttg 60
 tccactgttg ggggaagagt gaagagattt gacataccat aatgttgatt agcttgtgat 120
 ggtttggcgg cagcttaggc cagagcataa agtaaaaagg aaaagtgttc acagacaatg 180
 aaaactggga ccaagtgggtg aatactcaag gcacacagac caggcaagga tcccagtggc 240

cgtggatgag tctcaggctg gctctgggcc agtggaacac acctcagtgt gggatgaaggc 300

<210> 1117
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1117
 tctagatctc atcggagatt tggacgggaa aggggttgaa agagttcccc aaagccccgg 60
 ctaggcaccc agcctcagcc atgggaccca tggcctctct ttagtgaatg atgcgccaca 120
 ccagctgtat cccccccagg tgtacctgcc atccttccat tgcgcaaatg tggaaactga 180
 gcctgggggt aggggtgagc ccttttgagc agcaggtggt gtctggggcc tgggacctgt 240
 aaacaaatcc tcattactcc cagcctggtc tctgtgcttg atgttttagta ctagaagtca 300

<210> 1118
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1118
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 gtgtccatca ttttcgtaag tcttagtatg cagagaatct cagatagcaa agcagaaagg 120
 atgatgtcac agacgccttg ggtaccagc acctggatgc agctgtttgt acacacatac 180
 tttctgatat tatgttgaca gtgacttaca ccacttcaac ctcaggcagg attctatcag 240
 tttctttact acagattgat ttgtttcttt aataattatt gtaattactg tcagtaaaaa 300

<210> 1119
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1119
 gatagctatc tgactttctca actatgtaat aagcagatgt tgtaaatacct atgctgtagt 60
 tcatgaatct atatgacatg tggggtcggg aacatagtag cctaccataa gtcaggttat 120
 tctactatt ctgcaacatg taaataacac tttgaacaga gcaagtggta aagattgctt 180
 aatttttgca tgactatttt gataaatatg ttgagaagga ccagctcaaa ggaaaacctc 240
 ttggtaactt ggcataagtt aaatgtttcc caagaaagtg cactcttccc aaataaagct 300

<210> 1120
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1120
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 aactggcaat ctttccaaag tggcagccaa ggccccactc cctgtcctac tcaatctctg 120
 cagggaaaaa ctgtgggata ggatagcagc cagctgggga cacacagagg aacattcaac 180
 aggaaggtcc cgcctaggga aaaggccaca gagcccaggc ctcttgccga ttcagggatc 240
 cttggatata agtggattag aggagaggga ggaaagctat catttcagtg gtctccaaat 300

<210> 1121
 <211> 290
 <212> DNA
 <213> Homo sapiens

<400> 1121

gcaagactga	gggaggaggg	aggtttgagc	agctgtaatg	ggtgagggaa	gagagtgggt	60
gggagaaagg	agatttgaga	agcatcgcta	tgatccatga	atctttgtag	tcaagttaa	120
gaaattcaag	taaacagagt	tattgtgaaa	ttattatttt	ttggttgcta	ttctctctct	180
cctctccac	tctgtctctt	tttttttctt	tgagatggga	tcttgctctg	tcgcctaggc	240
tggagtgcg	cagtggtag	atcatagctc	actgcagcca	attttttttt		290

<210> 1122

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1122

agggagggag	ggggcaggac	agtgtggaat	ctctaggggtg	tatgggtagg	tagggggcac	60
agttagttct	aagtgggctt	ttatgctaaa	agcctctggg	gatatctgtt	ttgaaaataa	120
agataggtgt	cccctccttg	ctgtcatcta	gccagacac	tctgcttgct	ctctggctgt	180
ctgctccctg	ggaaggcttt	aggaggacca	cccaggacag	gatgaccatg	ctgccatctg	240
ctctggagct	gggtctcagt	gcagagggac	agtgactgtg	gatggttgca	gtctctgggtg	300

<210> 1123

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 1123

cctccaccaa	ccccccagtc	gtctgggatg	gacaaccatt	tggaggagct	gagcctgccg	60
gtgcctacat	cagacaggac	cacatctagg	acctcctcct	cctcctcctc	cgactcctcc	120
accaacctgc	atagcccaaa	tccaagtgat	gatggagcag	atacgccctt	ggcacagtgc	180
gatgaagagg	aggaaagggg	tgatggagng	gcagagcctg	gagcctgcag	ctagcagtgg	240
gccctgcct	acagactgac	cacgctggct	attctccaca	tgagaccaca	ggcccagcca	300

<210> 1124

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1124

gggtgacttc	ctgtgacctc	caaaggaagt	ctcagctctg	ctagaatggg	accaaagccc	60
agctccacct	tgaacttggt	tcatagcctt	gcttcttggt	ccctctcctt	agccggggcag	120
atgccttgct	ctttgataaa	ggcttcctgt	cacctctga	gggctcttggt	gctttttgca	180
gggtgatgcc	attaccttta	ccgctgtgcc	tcccgcaatt	gctctgttca	cacgctgtcc	240
gccatctgcc	tgcaagggcc	caggcagggg	cttactcatc	attatgtcat	tgtttcaata	300

<210> 1125

<211> 287

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (287)

<223> n = A,T,C or G

<400> 1125

ggacagtggg	cctggcccgt	ggagctgcc	cgcaggtgcc	tgagggccag	gtgccacgca	60
ggtgtctgag	gaccaggtgc	cacgcaggtg	gtgggggtac	agacaagatg	ctgggatgtc	120
ccctgcccga	tgggtcaagg	tggtctgcct	gcentnttcc	anncctgann	nacntacatg	180
gaatccctan	antntntnat	ttttnttgn	nanantgngg	ngttttat	ttttntnta	240
nnngnntnt	taatgntntn	nantattatc	ntntatnnct	ttttttt		287

<210> 1126

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1126

ccctgccctg	ggtctggcgg	gcggaagctc	tgtccaaggt	ccacacacct	ccaggtttac	60
gccaacatcc	ttgtgccctc	cccaccttct	cttccaacgc	attaggtgca	ttgtttaatt	120
gaaattccaac	caacaattgt	gtgtcaaggc	tggtttggtg	cagtggctgg	gcaaattaat	180
tttggggccag	gatgggggtg	ggttgccagt	agggtaggga	aaatgtcagg	agtaggaagg	240
ttcggggggtt	aagggaagg	aaggaagacc	agaactggcc	atcctctttt	ataatccatt	300

<210> 1127

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1127

tataggcatg	agccattgca	cccagcccag	gtttttaata	agatgaaaaa	aatgctgtta	60
taaaaagtga	aaagaggcca	ggtgtggtgg	ctcctgcctg	tggtcccagc	tactccggag	120
gctgagggcag	gaggatcatt	tgagcccagg	ctgcagtgca	gtggcacgat	cacggctttc	180
tgacgcttg	acttctctgg	cggcagacgg	agaccctgtt	ttttaaaaga	aagaacagag	240
tacaaaattg	tatatgctat	ataatcacia	ctataataaa	tgatctgtag	ataaaatgag	300

<210> 1128

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1128

tgtggcccca	agagtgggag	gagtgggctg	tcagtaggcc	accaataaat	atctgtgttt	60
tggctgaccc	ccatatgcta	ggatactgga	gatgaggaa	tgagagaagg	gcttaaagag	120
cacatctgtc	tggtagagga	cacagagctg	tccttcaagc	atttgaacga	tggtctcatt	180
tccttggaat	cttctctctc	ccaggtcac	atctctagct	ccttcaatga	ttcctcttgc	240
gacatcattt	tagttctctt	cccacaccta	gtctttttgc	ttttaatgaa	tgatcactga	300

<210> 1129

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1129

catccctgac	agttggataa	taggttccag	gaagttcagt	ggaaaattaa	aacaaagcaa	60
catttatagc	tgattgaact	tgaaaagcca	ttttggtgtt	gaatggcaaa	tatgtggact	120
tcagcattcc	tggagcctga	tgcatcccgc	tggtatggcc	tgttcctgtg	tacatgatgg	180
cctgggggact	cagcagtgtg	cagggtactc	tcctttagag	ggtgctttga	ggaaagaagt	240
ttgctgccac	ttacagaagt	ccccttccca	tacagtgata	taacacaagt	accccatgtc	300

<210> 1130

<211> 250
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (250)
 <223> n = A,T,C or G

<400> 1130
 gagatgctga aggaaattat agccagagga aatttttagac tgcagaatat aattggcaga 60
 aaaatgggcc tagaatgtgt agatattctc agcgatctct ttccaagggg actcatacat 120
 gtcttagcaa ctattttagn ccatctcngt gacatggnc ttaattcacnc gtgtntaaag 180
 tgannacntc ttggaanatg gatnctanan gannatangc cngcttttcta ctntnnnant 240
 nttnnngcta 250

<210> 1131
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1131
 attttcttcc ttatgaccac ttacagtggga tattttattgt acttgaccct tttatgccct 60
 agaatgctgt gagggttacc atgttgaatt tgtgcagaag ctaaaagcac cagatgtgcc 120
 agagatgcaa tttgtgatta tgtttgact ggatttgtat ttgaacagga cacttataac 180
 taatgagttc tttcttttga ggtggggaga gggttgtaa tcaagacttc ataccctatc 240
 cttgtagctc ggaaattgag gtgtagctta ggctgatgcg gagagctgca gacagctgga 300

<210> 1132
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1132
 gttggagaaa tccaaagctg accaaaacat ggtccccacc ttttggagct tacagtctgt 60
 tctggggaac agagattcag ccaaagtcaa gaaacactgg atgccagcta gattatctgt 120
 tctgtgcttt ggtgtctata agtacatatg tggatatggg ttcatTTTTat ccctaaactt 180
 agtaccaaac cagcatttaa tatctaatta taaatctaatt ttggcctaaa ctttattatt 240
 gcacactgcc tgaacaaaac ctatttgtct ctatgtaaat tttttcctca tggaacaagg 300

<210> 1133
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1133
 ctccagcctg gggcgacaga gcaagactct gtctcaaata gataaataaa taaaaataca 60
 aaaaaaagaa actcaaggta cagtgggtggg agtcaaaaaa gcataaggag aaaaccaaga 120
 ctgaaaactg ttattgagct tagtctgtgc ctagttcagt ccctagcatt ttacaagttt 180
 tctctgagtt aacaaacttg tgggggaaac tgaggctttc agatgttgaa taacttgtgt 240
 aagttgtaga gcaggttctt ttccatagtt ccgcattttt tacctgcaat acagcaatgc 300

<210> 1134
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1134

gtgctgtctt	gcgcttgccg	gtggcctccc	aaacccctag	ggatacctgg	ggccagctgg	60
ggcagtcctc	gtctcgacct	ccttttccat	ttctggctag	tttaccgac	tgtttcatcc	120
ttaggccagc	tgatgacctt	ggccctctcc	tcccagatc	cctgcagctt	ccaacagtga	180
ggccctccag	cagtgaggct	gctgattttc	atggcctggc	tggagctggg	ggcccaggcc	240
aggagcagcc	ccaggcaaaa	atcacctccc	gctgctcttc	cctgccactc	agtacttttt	300

<210> 1135

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1135

gtaaaacatg	taattttggac	atgcaagaca	atgctgctgc	caactaacat	tgcattgatt	60
cattaagatg	ttattttttga	ggtgttcctg	gtctttcact	gacaattcca	acattcttta	120
cttacagtgg	accaatggat	aagtctatgc	atctataata	aactataaaa	aatgggagta	180
cccatgggta	ggatatagct	atgcctttat	ggttaagatt	agaatatatg	atccataaaa	240
atttaaagtg	agaggcatgg	ttagtgtgtg	atacaataaa	aagtaattgt	ttggtagtgtg	300

<210> 1136

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1136

gtctcgcttt	gtgacgtagc	ctgggtcttga	gcgatccttt	tgctttggcc	ttgccaaaagt	60
gctgggattg	gaggcatgag	ccactgcacc	caccctgtt	ttttatttaa	gtaaaccatt	120
ataataactc	atttataaaa	aggttacttc	aagagggtt	tcaacttaag	aattattttc	180
attttgaaca	tgaaaagtta	aatagtaact	aagaaactga	gaactctgac	agtgcctct	240
aataggtaac	tttaggcaaa	agtagacaag	tttgtgggta	ttttgttgtt	catgttaaaa	300

<210> 1137

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1137

gtttatgaag	aagctgtttc	gtgtgtacag	ttgctgctgt	aatttagcca	gcagtgcctt	60
gcctgcctt	gcagtgtctg	cacagctccc	actgcttctc	tttgctgttg	ggcacgtgag	120
gcatgacttg	gagggggggc	tggtgcctgg	ggacctgctg	aagagaatgc	tcaccaccag	180
ctctctgttt	ccctttctgc	tttggtaatc	aacacgtgtt	tgcttcagtg	ggccgggacc	240
gtgactgttt	ctgcccttgt	gcctagttaa	gagccttcaa	aagcataatg	aacacttttg	300

<210> 1138

<211> 297

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(297)

<223> n = A,T,C or G

<400> 1138

ctgagatcgg	ccactgcact	ccagcctggg	tgacagagtg	agactccgtg	tcaaaaaaaaa	60
aagtcnnaaa	ctgtttgnct	tnattnaggc	agnaaatatt	nnanttcggn	atgacctgnc	120

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atgnanccag taaggccttt acaaatnaca tccnaaacia atacanntca natgancaaa      180
ntanggccca aatgaaatga cntctnnntc tntgctatgg cngaaactna tnangacnta      240
tggaatcana gatagctaaa gttcattatt taaagctnta ctcccatgag nattatg        297

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<210> 1139
<211> 289
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(289)
<223> n = A,T,C or G

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<400> 1139
atccagtagg tcttggggaa catgggaatc tgcatttttt tttttttnac ngcnttgetg      60
ttcatcatca agnanttcag gncnctaggg gnaaaaaact tntttnaaaa tgagggagng      120
nttngcanen tnngtntttt cntttttaat ngaatnngtt nttntnaaat nccaggacca      180
agnnccaaag tcancagtaa aattcanctg ngtncttttt naacgacctg naaaataagt      240
ttatgaccnc tntnccgatn caaatngtnc aaaacccaaa nggcatat      289

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<210> 1140
<211> 300
<212> DNA
<213> Homo sapiens

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```

<400> 1140
gtatagcgcc tcatatgaac atgaattcat atgtattatt tcatttatct tcacaaccat      60
ccagagatga ggagatgaaa actctaagac ctcccagctt ccaaatagca gagccagtcc      120
tcaaatttat tgcctagccc aaattctgtg cttcttcacc caggccacat tgcttccaca      180
tagtttccct tcagttgtaa gtagtagaaa agtaggactc cagaatcagt atccttacat      240
aaacagctca gtacatgaga ggcagttgtg agactggaaa atggatggga ctagactgtg      300

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<210> 1141
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1141
attatttaaa agtcttattg aaactgaatt caaaggggaat gtactatgct cccaggaaaa      60
agacataatt gagagcctct tcctcttggg ttttcactta tcatgagttc tggctcttcc      120
ttagcactgc tggttctggg tatccccagc gcttctcagc tcagctgagg gtgtgagcca      180
tcgtatgttg gggactagct accagctaaa ggccacgttc tctgtgctgt ctagtacatg      240
agcaacagag ggaagaagtt gtgtaattgt aagaacttgt cacctttcat ctcttttagt      300

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<210> 1142
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1142
ctgatctcca gaccataag ggagatgctg agtagacaac tggggcttat gggctctggag      60
ttcagaggag agatcgggaa ggtgtccatt tggagtcac caccagaga tgtgtgaagg      120
ctgctcaatg attttgaggt ttaaagaaaa aaagagatgt gaaaccaggg gccctgatga      180
ggctgcccag gtggttaagg agacagaaga gaagccatgg gacagctgag cccgggcacc      240
ctcaagcctt ggaggcatga agtttggtgg ggatctggca aagaacacct gggagcagcc      300

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<210> 1143
 <211> 189
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(189)
 <223> n = A,T,C or G

<400> 1143
 gaaacagaca aatctgtaat aacggcctaa ttctgtgtct gtgataagtt tcattactgc 60
 ccaataataa aaaatgtgta ataattattt aagccaattt gttcatttcc aacaatttct 120
 tttttttttt tcccnanacc cnnantttta aaaccctggn tnaanggttg aaaangggga 180
 nngggtccg 189

<210> 1144
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1144
 agcagctgca tctaggggcc cttggtgaga tttaactca gagcctgggc gcccccggtt 60
 agcccagatt caaaagggtga acatctgttt gcagaatctg attcatgaga aggtgagttt 120
 attgttttca gtttagactt ttgggaagtt ggactagaga ggggagttgt tggggtcagt 180
 gctggcttaa cagaaaacac agcgaatttc ccctccagtt ctccccaagt cactgaaca 240
 aggctagttc ctgcaccacc caggattcaa aggaaagacg aaggagagcag aacttggtgc 300

<210> 1145
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1145
 gaatattaag ggtattcatg agaggcaagt gatagggttac tagggatgga ttgtgtggga 60
 gaaataatgc agaggaaatg atgatcatct ccattgaatg acagctgtta tatagcaaag 120
 ataaatgtaa aattagtctt attcttggaa gtggaagaca gcagttatca gagaggagaa 180
 tttaatcaaa agaatcagaa tagcatgggc acaggccaga ttcacattga agtatttact 240
 ctatatttta ctgctgttac attcaaaatg tatcagaagt ctcatgggtc aattaataga 300

<210> 1146
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1146
 gaacaaatca cttaaggaga aagtagaaaa aaagctgtat tttacaaaag aggtatttcta 60
 atcgggaaga caatgaccaa ccattacgac caaccattat gagaatatag cttagggacg 120
 tttgtgctca gtcctctttt tacccaatgt caatgcctgc ctgagtgat tttcttctgg 180
 aggagagttt tgtggatgcc atctttccgt tacggaaaac cagtggagga atgggcagtt 240
 tcttgccatg acccaccatc atttaaacaa ttggtgtttg agttcagaaa taagtcata 300

<210> 1147
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1147

cctgcctcag	cttttcaagt	agctaggact	acagggtatac	tctaccacat	gtaggctaga	60
ttattttctg	tagagaagag	gtcttggttaa	gttgccctagg	ctgggtctcaa	actcctggcc	120
tcaagtgate	ctcctgcctt	ggccacccaa	agtgtctggga	tttttaggtgt	gagctacagt	180
gcttggcctg	cataatttta	taacttatat	attcaccatt	ttacacattc	agagaaagga	240
gttgtaacaa	gacactttat	aatatagact	aagtcatttt	attgacagtg	tcatgaaagc	300

<210> 1148

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1148

ctttgggata	tttagatgaa	tggtatcata	cagatgtgta	ttattgctaa	ttctttgttc	60
tcaatcactt	gttttcaagg	acactaaaat	ccatgtagcc	cctaaaaaag	ataaataagg	120
gcaagtcaact	tttcttctc	cagtcacaga	ctaaagaaat	tatttcagat	aatatatagc	180
ccttcagcca	tgggagcagg	aagtgtttac	tgctcaagtc	aggggtctcag	ttggtaaaat	240
aaacggaaac	ttctggttta	gttttagggc	cttctttcaa	ataaaaactt	cattttctct	300

<210> 1149

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (300)

<223> n = A,T,C or G

<400> 1149

gagaggaaga	agcagctgac	ataaacatgc	taagagggaa	acgtctaaaa	tggttaatgaa	60
tttatgaaga	ttaaatttgg	gaaatcatga	gaatttagaa	tttctcgaaa	cttcaaacat	120
gaggtacctc	agcactttct	taccagcctt	ttaacatggg	cctccactgg	gtgcatgtga	180
gaaagactgg	gatcagagaa	aagaacctga	caagctccac	cccctgtgtc	ngaggtgcag	240
gaatgcaaat	gagactacag	tattcaaagt	gtgctgctgg	agaacagaca	tgaaatccag	300

<210> 1150

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1150

agagggttgg	tgaaaattca	gacagaatgt	aacttgacaa	agagaagaca	gcaacaactg	60
taacaattat	cttatgaata	tttgcgaaac	tcaaagggat	ctgattgggtg	acctctgggc	120
tttatcaaat	taacatcaca	acttctagaa	gaaagtcaac	cttcactctt	tacaatagaa	180
atcatatgtt	ttgctaacc	attcctat	aggctgaaaa	caattaagag	ttatgggtac	240
ttaaaaaaat	cattatgttt	ataaaattag	tgatagaagg	agcatagtgt	tcatacagtc	300

<210> 1151

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1151

ggttactccc	aggtgaccag	gtggcctgta	ggaaaccaag	ggctgctata	tgaccggagc	60
tggtatgggtg	tgaatcacia	tggtgtttgc	ctgagtcaga	agcaggaacc	ccggctctgc	120

ctgatccagc	ccttcatcga	cttgccggcaa	aggatcatgg	tcatcaaagc	caaagggatg	180
gagcctatag	aggtgcctct	tgaggaaaat	agtgaacgga	ctcagattcg	ccaaagcagg	240
gtctgtgctg	acagagtaag	tacttatgat	tgtggagaaa	aaatttcaag	ctgggtgtca	300

<210> 1152
 <211> 104
 <212> DNA
 <213> Homo sapiens

<400> 1152						
agtgcaccca	tgcgttttca	cttgtttctta	ggctacttca	tccaataata	tatttgagta	60
gttctgaaca	ggaacacaag	taaggagaat	tttttttttt	tttt		104

<210> 1153
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1153						
aaaaaaaggc	ggtgggggga	aattatctcc	acaaaacaaa	aagtccgaca	ataagcaata	60
agctgtccag	ggctgataca	gggcatgatg	aggtcatcac	agatccaggt	tctttctgtc	120
ttctgtctctg	cattcgtagc	ctgtggcttt	gtcattccct	catctggaaa	tggcggctgc	180
agccccaggc	acaatggccc	gttgagggaag	aagggggacg	atgtgcagtg	tcaggttatt	240
ttatcaggaa	agttcaaagc	ttctcagaaa	tcttctgttg	gaattctacc	tgggtgtcat	300

<210> 1154
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1154						
gacaaaagaa	aagtatcatg	tagatttcaa	ctggagacag	tgactttaat	cttctaagtt	60
cagagacaaa	tttacttgca	cttccttcag	tgtttctgaa	gcgtgagcat	atttgctaaa	120
cagttgccta	tctcatcatt	gtgttaggct	cctcatattt	tccttaggga	aatgctatgg	180
agagttcagg	tcagaatatt	gtgttgtaaa	tgttgccaca	gtaaatgcaa	ccccggcctt	240
tactgttggt	tcatctcaga	tgaatatgtt	tctaaagtca	tgataaacca	acctcatgca	300

<210> 1155
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1155						
cccagctccg	gggcatcagc	ctgagtgcgc	ttgagctgct	ccaaacctgg	cccttcccca	60
ctcctctagc	atcgccaccc	gcattggcct	ggaactcccg	cggcggcggg	ggcgggcccg	120
tgcctgtgtg	gccccgactt	cccacaccag	ccgcgcccac	cgcagggtgg	actcaggttc	180
gccctctggg	ccaggctcct	cacgaggagg	gagctaccct	tcgccagaag	tttgtgagaa	240
tgtggccgcc	cttttctctg	cctctgcccc	atgtgggtgg	ggggcctcgt	ggccccggccg	300

<210> 1156
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1156						
aagaggaagg	taagtagata	aataggaag	taaaccaggt	ttctaattca	tgggtgaatc	60

cgatagaata	ggtatcagat	tagggattac	aaaatgtatc	atgggtacta	aatatcagta	120
caaagcagcc	acaataatat	tgatttatgg	atttaagtaa	cccgaccaa	ccttgatgta	180
tctcatcatg	ttgaatttct	gctccagata	ataaagtatt	gttcgatcct	gtgcattggc	240
cttttatttt	tcagaatgat	tcaaaggatg	gctttgggga	ttcactgtaa	gattttttgt	300

<210> 1157

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1157

gtaccataag	aaactttttc	tgaaaagtgt	attagcaaaa	agaggactct	tcagctttct	60
acttgtccgc	gaactttgat	gttctcctga	aacctccatg	tgtgtcaaga	ttgggaaatg	120
ggagaatcaa	gaatcagtag	gtgttaggcc	accgggattg	cctgtatcaa	aggaggagca	180
caaaaccaag	ctgtttctca	tcaaaagtag	atccaaaaca	acgttttcac	aaaagtccaa	240
agaaaagtat	cattttttcag	gttttgcgaa	gaggaaattg	tggcgaacag	aaaattggag	300

<210> 1158

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1158

ttcattttta	aaaagcttct	ccttattatg	ttgttgttta	acaacttaaa	cgctatctct	60
agaccaggaa	taattatttg	ctatatatta	cagcaaaaaa	tatgtatgta	taaatggact	120
cattcaaaat	atataaagaa	ctcctattac	aaagaaattg	acaaacagcc	cagtatatca	180
atgaatataa	aaatttgaga	agatattttc	cataagaaga	tatctaaatg	aacattaggc	240
atgagaaaac	caaatttttag	gatatcacta	cacacctggc	atagttttaa	agactgaaaa	300

<210> 1159

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1159

acaaagcata	tgtaccaaca	atgcatgttt	atattctgtg	ccatgccagg	ggcaaattca	60
tagttggcct	gtttccataa	gtgtggggat	ggaaccttga	aacacaggac	atctcataat	120
gctgtaagca	gggaccattg	aaattgattc	ctagagtctt	gttctacaac	ttctttaaaa	180
attactgatt	tgacagcagt	atgtattcaa	catttaagac	tttctgtcta	attttgagca	240
tacattcttg	actaaggcta	gcaattagag	attctttctt	taatttatca	gatatctatt	300

<210> 1160

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1160

ctctttttct	gcttagtgat	ggcatccatt	ttaaggaaca	aacctggaaa	tgctgagcga	60
agaacacata	cccttcattt	ccaaagggtc	atttcccact	cttacttttag	attgacaatg	120
agttgtagtt	caaaggctgc	cctgcaggga	agctcatata	ccctataatt	taaagggcct	180
cagacgactc	ttgggaaact	tggtaaaaca	ttctatttag	agacatgcct	gctgatatga	240
catatatatt	tatagttata	cccctttatt	gctgggacat	aaaacctgtt	ttcactcaaa	300

<210> 1161

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1161

gttgtaggcc	tccttcatct	gttcattggc	tgtggcatta	ggccagctac	tctttgcact	60
tctgtaaagt	gagacggctg	atcttgtctg	cctctctaga	ggatggctgc	aggtgtcaaa	120
tgggtagtt	aggtgggagg	gcatttcaca	aagttaaaaa	atatgacttt	ggaggcttgt	180
tatattgatg	aggattataa	tccctgagaa	ttcctgggtat	gaaaaaggga	aaagaagata	240
atttgtgaaa	gaaataagtg	tccagttact	agtctttgaa	aagggtcagt	ctgtagctct	300

<210> 1162

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1162

cgttcctcaa	agggggccctg	gttgtcacct	tctcccacag	ccatttccac	ccatcgttgt	60
ctagaatctc	tttcatttagc	acattccaac	cctcttgcca	cttggtttag	aaatgagctc	120
cctggctcag	tgggcctttc	agaatctgga	accagacgga	ggtggagtta	agaagatagg	180
acagaacagg	caggcccagg	tgctatgggt	ccactgggga	gagaccattt	aattctccag	240
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<210> 1163

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1163

atgtgattta	aaaaaggaga	aatgttcaca	ctcagtctag	accacttagg	tatgcagagt	60
tgcatcctga	aagcaattgc	tcacactttc	cttaatatatac	tccctctcca	cctttgcaaa	120
accttgattg	gcatggagcc	tcgactgctt	gcattgtata	cacatgtaat	aagaaagcat	180
taaattctct	ggaaattagg	aattgacaag	ataaatagat	aaggcataaa	gccaattttt	240
cacacatgtc	cttaggctct	tgtaaatgtg	tgccctgggtgc	tgctttgact	tcccagggtcc	300

<210> 1164

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1164

aacaactccc	tacgtcctgt	gtggggccct	gcccagtggtg	atgaggcatt	ccttgaggag	60
tatcattttc	cctgacaatc	cccatcacct	ttaggggttc	cctgcttggc	tcctttccag	120
ctgaaaaact	agacctgtgc	cattggggaa	gctggacaaa	gtctaggggg	cccgccctggt	180
agagggtccc	gggaagctgg	atctgtcagc	ctcgccctg	aggcccctgt	taactcaaga	240
ctgtgagctg	cctctagggtg	gtcacgtctg	ggagctagct	tgtatggctt	ctgaccagta	300

<210> 1165

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1165

gctgtttgtg	caaatacctt	gaaaactttg	aaacttgacc	ccggacaggc	ctggtgccag	60
gtcctttccg	acttttgtgt	tttctttcca	ccttttcaacta	ctgactttgc	ctctttcccta	120
ccaggaatgg	acagggccga	tggagggtgaa	gcggacagca	gctgcaactgc	cctgtagaga	180
ttcccaggcc	ctgcccactt	caaagcacac	aagcccacct	tttccctcatc	acattttccct	240
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<210> 1166
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1166
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 gagtgtccct gctacttgac aaattgaaat actaagattt atacatttcc atggaaaaag 120
 caacagtggg aaagagaggg cttcccagat ttgtcttata gatctcatcc ttcagagact 180
 agccttctgt tagaaatgct gtctccaagc acaagacaga ataatcatat aataccaata 240
 cacaccagtt gctaaggtct ccatcctttt aagtatttgt tactgagtgt ttgacctgta 300

<210> 1167
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1167
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 cagaggagat gatgtggtat ttctatcact aaaaggagtt caagaccagc ttgagtaaca 120
 tgggtgaaacc ctgtctccac taaaaataca aaatttagcc aggcattgatg gcgcatgcct 180
 gtaatcccag ctactcggga ggccgaggca ggagaatcat ttcaaccag gaggtggagg 240
 ttgcagtgc cccagatcgc gctactgcac tccggcctgc gtgacagagc aagactccgt 300

<210> 1168
 <211> 290
 <212> DNA
 <213> Homo sapiens

<400> 1168
 ctgaagtgtt cctcagatct tagtatttac atctaaactc atctggaaaa aaatcatagg 60
 agggtaaaga atatgaacaa cttcactga atttccatat cttatataat aggaatgaat 120
 ttaacatgga cacaagtccc agtgatataa ggaataggca agagtagtaa ttcttcacat 180
 cttataaagt gtaagaactc acctttggga gaaaaatctg gttctaaggc atgtggtaaa 240
 gcctttgttt cttccactat tggttatttt tctttttttt ttttgaaaca 290

<210> 1169
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1169
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 cattgggggtg gggtcagaga tgtgcaggga ggaaggggga gagggcacgc cagtgaagca 120
 ggacttatct gctccccctg gctacacct cactgagaac gtggcccga tcctcaacaa 180
 gaagctgctg gaacatgcct taaaggagga gaggaggcag gctgcccacg ggcccccgga 240
 tctccacagt gacagccact cgctggggga cacagccgag ccagggccca tggagggaact 300

<210> 1170
 <211> 273
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (273)

<223> n = A,T,C or G

<400> 1170

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tgtcaatga	agtttcagct	tctcaacctt	ctccccctcc	cagggctgtg	gacccagact	120
ggccttgagc	cacagtcctt	ctttccctcc	tccccctctt	ccccctgcgg	gctcccgggt	180
ctgtccattt	gttactgtgc	tgtgctgggg	attggcgccg	aggtggcgtg	agattccgct	240
tgtgtagacc	ttgtgantan	gaagggcttc	caa			273

<210> 1171

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1171

gttcactgag	gacagcacca	cctcgggcct	cactgaagaa	tctacagcct	tccccggcag	60
cccagcctcc	acccaaacag	ggttacctgc	cacactcaca	accgcagacc	tcggtgagga	120
atcaactacc	tttcccagca	gctcaggctc	aactggaaca	aaactctcac	ctgcccgcctc	180
caccacctct	ggcctcggtg	gagaatccac	accctcacgc	ctcagtcctaa	gctcaaccga	240
aacaacaact	ttaccgggca	gtcccacaac	accaagcctc	agtgagaaat	caaccacctt	300

<210> 1172

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1172

gctgggtttt	ctccttaagt	gacaggccag	gaaattttat	tagtccctta	tgagtgtaaa	60
ttagtactta	atcctttagt	cttaataggc	agtgatggga	tattacctga	gagaaacttt	120
ccaaaatgag	agtgcctctg	catttcgttc	attttggtgtg	tggttcatca	tgccccaaa	180
gttcctgcat	ccactctatc	aggaggcaga	aagggagcat	ctgagacctt	atactgcctg	240
catgcagaag	tggctctgct	gggtttgttt	ctgtagtgat	gacactttga	atgttttttc	300

<210> 1173

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1173

cccaggctgg	tctcaaactc	ctgggcttaa	gcagtcttcc	caccttggcc	tcccaaagtg	60
ctaggattac	agacatgagc	tgttgccgct	ggcctgaaca	tattatcttc	ttttgctttt	120
cttctctact	ctccaaccct	ccctctgtcc	tgttgggctg	ggaggcagga	cattgggtgg	180
ttaatcatgg	actctgaaga	gtcactgcta	gctgagtttg	aatcccagca	ccctaattac	240
atagggtgcc	ttgggcaaga	tattttactt	ctctgagctt	cagctttctt	acctataaag	300

<210> 1174

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1174

atgcagtgt	actggcagga	ggggagtgag	aactacttgg	gtagatgatc	aggagatact	60
ctgcaagagg	aaacatacag	aaggagcctg	acatgagaaa	actggggcag	cagttttcca	120
ggaagaggga	ccagcacagg	tccaagttga	aactcagaat	ggaattttag	gaaattatat	180
tcttcatgat	ggttagatcc	tgtgggctat	catcactgca	gttcaacaat	gtgggtgccta	240
gtaggaagag	ttctcccagg	aaccctccac	gtgtgctatg	ggattttctga	gaaaaccagt	300

<210> 1175
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1175
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 acccccctca agaggctgag cagcttagcc accaagcagc cccaggaccc agaaggggtct 120
 gcatggggcca tgagcgggca ctcccaatac agcttaccgt acaggccttg gacatgccgg 180
 aggaggggtga ggaacctggg gtaagccaca ggggtgtgga ggggctgtcc ccgcgtccgc 240
 tgagccctgc tctgccccag ccatcgagac tttgctgtgc tacctggact gcaccacac 300

<210> 1176
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1176
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 gctatcattt ttcattttcg tttttgcagt tgaacatact tttttcactc agagagtgtg 120
 agggacttgc ccaagactgc ccaatggcaa tgagatttca acctcaaact aatgttcttt 180
 ttaatgcaag atgataaaga gtaggattta gcctaattta ggatagaata aagccaaata 240
 atttaggata ggttcttttg tgttcatggg tgtaatctaa tgcccatgat gcaagtggca 300

<210> 1177
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1177
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 taattaggct tcagggaaat tgtgaataaa aacataaatc ttgcaatagg gtaggggaaa 120
 gaaaataatc ccactcctga agtgatgaaa tgaagagtgg ctagagagga gaaaagaacc 180
 aggacagggtg atatattagc aactgtcagt gtgaataatc cagggtatga catttctaata 240
 ttagcctcac atttaaggtc atttctgatt caacctcaaa tgatccttct agcctactgc 300

<210> 1178
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1178
 cttaggggaa ggaaatgaag gtcagctttg ggtatactag tgtaagggtgc ccatgagaca 60
 ttcagataaa aaccagccac caggcatatg gagataacag ggctgaactt aggagaaaag 120
 cctgggttga aacagagatt cggatatcct cagtatgaag gtgatagttg aaactgggga 180
 ctggatgacc gaaagagatc acccagaaca ccagtacaga gaggagagag ctgaggatgg 240
 aattttggga cataggtgct tctacagcac atggcaccaa cctctaataa tcacaccact 300

<210> 1179
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1179
 ggagaccagg tgggagccac tcacagaaat cagtaacatg aaaaccacag ccacaaaacc 60
 accactggca ctcaacgcc atcatcacgg gcaggacagt tctacatcat ctccctccgg 120

cctgaggcctt	cccaggcagt	gtgggaagg	gggctgcac	tcctggctgg	ggttcacacc	180
taagtttctt	gaggtccaag	ctgacctgga	aagtttctag	tgagtggcac	atcctgtccc	240
aacaagggga	acacgggcag	gatgtgcctg	cacctggga	aaagtgttgt	ctccgcacac	300

<210> 1180

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1180

ggagaccagg	tgggagccac	tcacagaaat	cagtaacatg	aaaaccacag	ccacaaaacc	60
accactgtca	ctcaacgccc	atcatcacgg	gcaggacagt	tctacatcat	ctccctccgg	120
cctgaggcctt	cccaggcagt	gtgggaagg	gggctgcac	tcctggctgg	ggttcacacc	180
taagtttctt	gaggtccaag	ctgacctgga	aagtttctag	tgagtggcac	atcctgtccc	240
aacaagggga	acacgggcag	gatgtgcctg	cacctggga	aaagtgttgt	ctccgcacac	300

<210> 1181

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1181

caaaggtgat	ctcaggaaag	gtctaagcta	gtttacagta	tgcccatttc	ctgtgtaaac	60
catttaattt	aaatgactct	gcttgtctca	ctgttatgat	aaatttgtgt	ggtagatcgc	120
agcctgtag	ctattactgg	aagtttcttg	cttttattac	aggcctctca	aataggtagg	180
ttttaacatt	ttattggacc	ccctgcccc	tcccaatttc	aactattaaa	tccttaaatt	240
tggtgttttg	gttatgcaga	agttagttat	caggttatat	ggttcccaat	gagtgaggaa	300

<210> 1182

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1182

gagatccaag	tggtttagaa	ggggatgatt	gctggggaag	gttctgaaca	tggtgacagg	60
tgggaggctg	agcacacact	cgtacaccgc	tggcagggaag	agaaatgact	tttctggact	120
acaatttggg	gataacacaa	acattaaaaa	gaagaaaaaa	ttgtatccct	ttttgactaa	180
gcaattctag	gattgttatt	tttttctcct	gaggaaacta	gcatggatgt	tcacattcag	240
gtgtggggat	gtttatcaat	ttgttatatt	agaaaagaga	aaaaaagttt	agcatgtcac	300

<210> 1183

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1183

ctctgcccaa	tctatttccg	gctggatgtg	gagtctgaag	gcctggcacc	cactctggct	60
ctgtgattta	ccagctgtga	gccttggggg	tgctgcttac	tctcttgggtg	attctttact	120
catttctatg	atggggtaga	ggataatgcc	tatgcttaca	aagtggctgt	gggaagtaaa	180
cgggatggga	taagaatggc	ttgctgtgga	ccacaggcac	cgcaggataa	ccattcctca	240
gaactcctcg	tactgctcta	gtgcttggag	gtccgtgtat	tacctcagct	attccaaccg	300

<210> 1184

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1184

atac gatggg	gtgcttggtg	gatggggccat	ggaggtccgt	gagctggaac	tgggcacacg	60
ccatcccaga	gggctcagga	tgccccagga	aggaaagaag	ggcaacagac	tacacgattg	120
gacgtgtgtg	gttgactggg	atgaagttag	agggaggggc	agggccttgc	aggggattgg	180
tactgatccc	agggaggaag	tgttggggct	tcatgaacta	ggatgaaagg	aggcccctga	240
gccatgacaa	ggggcacatc	caggatttcc	gccaccctga	atttagtaga	gctagtaggc	300

<210> 1185

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1185

cttttaggttc	ttgattatgt	cactgtaata	aagcaaccaa	tggacctttc	atctgtaatc	60
agtaaaattg	atctacacaa	gtatctgact	gtgaaagact	atcttgagaga	tattgatcta	120
atctgtagta	atgccttaga	atacaatcca	gatagagatc	ctggagatcg	tcttattagg	180
catagagcct	gtgctttaag	agatactgcc	tatgccataa	ttaaagaaga	acttgatgaa	240
gacttttagc	agctctgtga	agaaattcag	gaatctagaa	agaaaagagg	ttgtagctcc	300

<210> 1186

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1186

ctgacctttg	tagagaatcg	gaccttcgac	atgcaatggc	caattgtttt	gaagcgtaa	60
taggagctgt	ttacttggag	ggaagcctgg	aggaagccaa	gcagttattt	ggacgcttgc	120
tctttaatga	tccggacctg	cgcgaagtct	ggctcaatta	tcctctccac	ccactccaac	180
tacaagagcc	aaatactgat	cgacaactta	ttgaaacttc	tccagttcta	caaaaactta	240
ctgagtttga	agaagcaatt	ggagtaattt	ttactcatgt	tcgacttctg	gcaagggcat	300

<210> 1187

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1187

aatatatcac	atcatgtaat	aagcctctca	gagatgtagc	attgagcaga	ttaaggcctg	60
atcttatagaa	aaattccacc	ctggccatgt	gggcctgaaa	ctctggaggg	ctttaacaat	120
gtcttgaggt	cattgtcatt	taaagagatg	actcattggg	tttatttagt	agaaataaat	180
actaaataaa	taatctccac	agattatcca	gaggggtaag	ttgaaggatg	ttgacagata	240
actcagtaaa	ttgcgtctca	aatattaata	agttttattct	atgccagcac	caaaaatatt	300

<210> 1188

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1188

agtgattaag	tctcactaga	ataggctttt	ctaaattggt	ttatctcacc	ctcattagaa	60
cttcaccaca	tgtgggaaat	catgtggcaa	aactgtctct	cttaaaaaaa	aagtcaccaa	120
ggaaacctcc	ttctgcaatt	taagaaataa	aatcccagtg	acattgattt	ggatgtccca	180
aacatgtcca	taatggaaga	gcttttccag	gttttgggtt	gggcccccca	gaccaaagct	240
ttgacacata	atacaagctc	tgtaaagtct	ttttcctgtc	tgtaatattg	gattgtcacc	300

<210> 1189

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1189
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 tttcctttta actgaagggt ttcttagata tttagtttg tggtatatc ttttaaaatt 120
 gtatcattgc tttctttcta tattggatta ttgtcagaga acatgatttg catgatatta 180
 actttttgga gtatattgtt gcattcttgt ggcctagtac atagttaatt tagtgaatgc 240
 ttccagttgt acttgaaaag aatgtatatt ttctgattat tgagggtaaa tttctctata 300

<210> 1190
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1190
 tgactttgta cctggtccaa gctgttgggg aattgctgct gttgaccag gcaggagtct 60
 gactagagaa caaactaagg ttgctgcaac aaacaaggac ctcttccaag aagggtctcc 120
 aggcctggcg agtgactca tgcctgtgat ccagcactt gggaggccga ggcgggtgga 180
 tcatttgagg ccaggagtgc gagaccagct tggccaacat gatgagacc cgtctctatt 240
 aaaaatacaa aaattagcca ggcgtggtgg cgcctgtagt ccagctact caggagggtg 300

<210> 1191
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1191
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 aactgtaact tgcaaatcgt atccctagcg ggccaacac aaatcctgga gaatcagagc 120
 tggggtggcc ttggaaactg gcaagtccag ctctctctc acagggttag ggaaacaggg 180
 cccaggaggg tcgccctgcc agggccacac agggaggagg tgtgtggctc catgtggcct 240
 caggcctgaa ttctattatt attattatta ttatttttga gatggagtct tgctctgtca 300

<210> 1192
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1192
 gggccacgac taccaaattg gccctaccg caagaacctg ctatgctacg accaccggac 60
 agacgtgtgg gaggagcggc ggcccatgac cagggcgcg ggctggcaca gcatgtgcag 120
 cctgggtgac agcatctact ccatcggggg cagcgatgac aacatcgagt ccatggagcg 180
 ctctgacgtg ctgggcgtgg aggcctacag ccgcagtgac aaccagtggg cccgcgtggc 240
 gccgctgctg cagccaaca gcgagtcggg cgtggcagtg tgggagggcc gcatctacat 300

<210> 1193
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1193
 tgtaggggtg tgtaggggtg tggggattaa gatctgctga gtaggtgctt accagagtta 60
 tactgaagga cctgaagaca gatcatcttc acataatcag catgacctat aatctgtgat 120
 gtcactgagc ttcttttatt tctgtagtca aggaatgtgc acaagtaatg caaatataat 180

tacttttagt cctgaggatt agggaaacttg ggggatgttc acattacctg atgatgtcaa	240
tattgtgtta tgtttaattt tttttaaaaa agatgcttat ttattactga aataatctaa	300

<210> 1194
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1194	
aattgataat aattagacaa actgaactaa attttttttaa cagataacctg agtgccaagc	60
ttacacagata cctgagtgcc aagcataata aacaggaaat atacacttca aaaaagaaaa	120
agaaaaatga atgcatactt atcaaatact tgctgtaaga gcattaagta ctttacataa	180
gtcaaatcat ttaatcctca tgaccctaag aagttatttt aagatctttt gagaatgaga	240
aaaaaggatg agtaagggtg ggtgatctat gtaaaacaaa taaattctag taactggcaa	300

<210> 1195
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1195	
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tactgaaatt tgcactcact ttcagcttac agtttgggta ggactgctag acccagttct	120
tttgtcatct cattcttaga gagctcttga aaaccaaagt atttaaaacc ctgcaagttt	180
ctgtgcagat gagtgcaaat ttccaccag cattgggtcc tgagtaatta gaggaaggaa	240
gccatgcaaa agctgctatt gccagggtc cagaaaaaca tcatgtaagg tttgattcca	300

<210> 1196
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1196	
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atctctcttt ttacaattgg ggagctcgag gctcagtttg gtcatgttggt aagtcctctg	120
ggagttgggc tccaaccag gtcagtctgt ttcccaaac ccttctgttt gactttgccg	180
ctgaagaaga tacaatgaga tgaagagtct tgggcatgat ggcacacagg tcatcaggaa	240
gaaggccatc aggaagttgg actagaggtg ggaggggaga aggaattagg ggatttggaa	300

<210> 1197
 <211> 289
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (289)
 <223> n = A,T,C or G

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aatatctttt cttttgagag taccctcagt ttatttctac tgtgctttat tgctactgtt	180
ctttattgtg aatgttgtaa cattttaaaa atgttttgcc atagcttttt angacttggg	240
gttaaaggag ccagnggtct ctctgggtgg gtactatncn gagttattg	289

<210> 1198
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1198
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 tcagagctag tggggcctgc tcacacattc cagtagtttc ctctttattt gtccctgaacc 120
 aagttgtaga atttaaagga ggtgaagtaa ggcgatttct atggaaaata tatttttctt 180
 ctttactcct catgctgagt gcataagaat ttattatttc ccctgaatgt tcaaagtggg 240
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<210> 1199
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1199
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 catgggtttg ggccgcccct tgaaatgctg gggaggattt gactccttta ctgtcgagga 180
 gggggaaggg cattgccaca gttgggacag tggcacaaac tcaaaaggaa ggaagaacta 240
 ggtaatttga aaaacagaat aaaccaattt ggctggaaag tgaggtcttg tgagaaagca 300

<210> 1200
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1200
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 tatctccagg tggaccgctt cagcctgctg ccacaggagc agccccggct acgggtgcct 180
 ggttgcaacc aagacttaga tgttcagaaa aagctctatg actgccttga ggagcacctt 240
 tcagagtcca cctcgtccaa tgcaggccta tcaactgtcc agcttctgga tgaaatgcgg 300

<210> 1201
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1201
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 gctgctgaga ggggtttcgtt tacaagtgcac cttgagtgtg tttcatctct ggaatgcatg 120
 gtccctgcgc tcaagctaca caatctgatt agtgaagtat tactaataca ctagaaaaat 180
 atacatagta attaccaaatt gactgacaca attttatagg ggggttcagag aaacatctgt 240
 gaatgggttaa taatgaaaaa agaaaagttt ttctctttgt tttagtctga cccttttaac 300

<210> 1202
 <211> 148
 <212> DNA
 <213> Homo sapiens

<400> 1202
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 ctgctgcctt ccctggcagt gttctggggg tggattccct acacctagat gttcaaggcc 120

ttactttttcc tcccacaaag gattcgca

148

<210> 1203

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1203

cagaaaacta gcagggttaca ttttataggc tattgtagtt ttattttacca aatgatattc	60
tctaaatcac ttcgaccaat aaatgtattc tcttccttaa agcagagttg tatcaactct	120
gtgggagcat ttatgagctg tcagtcccca cacttctagc cagaatcaca ataaggctctg	180
gctgggtgtg ggggtgctgca taggaaaggg tctctggaga agcaagaagg gcacaatcat	240
ggccactgc tcccctcttc ttctcagtg cttttgccct ctctgctgc gatgcttcct	300

<210> 1204

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1204

gttgcaggat ccgttacaag aattcagagt tttggcatct cccctttgta tgttgtagga	60
gaaggtttg cattgaaaat gtgctgttg tccaaagaaa aattagcaga ggacttgaga	120
tttagaaaag tctcctttgt aatgtgcac attaccagtt atctaaagaa aaacatgtaa	180
aagccaacaa aacccttgaa aatattttgc atatggatgt ctgtttcacg tttcaactga	240
agatgtatag agcacctctg atgatgagga agataccatg ctaggcagta ctttcaagaa	300

<210> 1205

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1205

ccttcccacc ttgtgagttc tcccagcagt tcttggtatc ccttgccaag gcactggcca	60
aatctgaaga agattacctg gtcattgatca ttgtccgtgg gtttggtttt cagataggag	120
ttaggataga gaacaagaag agagaaaact tggcgctgac cctgttatag tgggttatag	180
ggtgtcccta aaggaggaa atgatttcag caaaactggg tgaacagcgg atgaagatat	240
ggaattcaaa gctctaattg acctttttga agagaagttg tggcttatgt ggagtttaca	300

<210> 1206

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1206

cagagtcaac atggagcatc tcaactgtgaa atgatccatg gattgaagga tatggtaaaa	60
tgtttatagt ttactttgaa agtaaaatat actatgtctt ggttttgagg atattggata	120
caaaactctc ttccttttagg gctactgagt cttgattcct gatcatcaga aatttcacca	180
gaaacaactt gcttccaata tacccaattc tatatgaaga attcatggag agtgtactgg	240
cactggaaga gtttagtggt tcttgatgac ttgaaaataa agtatgtact gttttgaatg	300

<210> 1207

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1207

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cactgttgca	ggcgtgcagg	tccgtggtgt	tacacacatg	ctggtgcagg	cgtgcaggtc	120
ggtggtgta	cattcacact	gttgcagggtg	tgcaggttgg	tggtacacac	attcacactg	180
ttgcaggctt	gcaggtcggt	ggtgttacac	acattcacac	ttgcaggcgt	gcaggtcagt	240
ggtgttacac	acattcatgc	tgttgcaggc	atgcaggtcg	gtagtgttac	acattcatgc	300

<210> 1208

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1208

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tgatcttggg	ccaccgaaaa	ggtaaaacca	gtggcaagct	tgaatgcttg	TTTTATGGTA	120
gacttagata	cgagaacggg	taaagggtac	tggataaaact	tgggatataa	gattgtcttc	180
TTTTATGCAT	accactcata	ccactggtgg	gaaatttcat	ttggaattac	tccttagggc	240
catggagtct	tcctgcatat	gctaataatg	taagttccca	ttacctttgg	taataagaaa	300

<210> 1209

<211> 215

<212> DNA

<213> Homo sapiens

<400> 1209

acctggtgtc	ctcgtgcttc	ttgggcaggc	cagctccatg	cagtgcagtg	cccctgaagg	60
gaatggggcc	aggagaagac	ataacagggc	atgaggatct	tctctgtgcc	aagaatcatg	120
ctaggttaacc	cccctgagat	ttctcatcct	cttgagaatc	ctgtgagatg	atcctgctgc	180
ccttattttt	ccagatggaa	aaacggatta	cccag			215

<210> 1210

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1210

cacctgtgcc	cccaggctca	aggtctcttg	cagggtgcaca	ccagcccaac	tctgcagggc	60
ttctctccct	gccaccaccc	cccaagccag	gaccccactc	cttccccgag	gctgagctga	120
gccttttcca	ggggcagggc	ccaggagacc	attcccagaa	tccatggggc	agtagccagg	180
gctccggctg	ctggaggaag	cagctatcca	caaagcttcc	tgccccagag	ctgaggctga	240
ggccccggga	gaggcggccc	ctacccaaac	actggctgct	ggcattccac	caagtgaccc	300

<210> 1211

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1211

ttgcacagga	ggagaattag	cacgatgtaa	aataaaaaatg	aaagaccca	atggggagaa	60
tatttttaa	gtcttgcagg	gagtggaga	aagctttgct	taaaaatgtc	accatattgct	120
aactatatac	agcacttcaa	gtttatttat	tgtaaagcc	tcatgtaaat	cacgtcattc	180
tgaaaatcat	ggaaactgca	catttgtgca	ttaaactatg	taaacaacaa	aaactgggtca	240
tccgtccaat	tgttgtttca	cttattttga	attatagtgc	aattttgtgg	agggtgaaat	300

<210> 1212

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1212

agggaaaata	tgacaaacct	caactatggg	agttgtccac	aatacaaaat	tttgaaaaaa	60
cattacatag	tgataatatc	atacttggtt	gttaggcttg	ttgcttcccc	acatcagagg	120
catctaata	gttatctttt	gtaattgctg	tgaacttttt	taaataagcc	atttagtgtg	180
aaattgtcat	gtatcaaata	gctattggaa	atggacttta	ctcaatttta	attccactgt	240
aaataaggac	ggagtcattc	ctacaaggct	ctcttcagag	aaatagatta	aaagtcfaat	300

<210> 1213

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1213

ctctcactag	ccttgggcac	ttcccactgc	ctttgtggac	ttctgtttgc	tcttctgtag	60
aatgggataa	cagtgccagt	cctgcttact	attaggggtt	atgtgatgct	tgcagatgta	120
cagggaaagc	accgctgatg	ggagctgctg	aagtttctag	gggaggtgaa	ggtggcgctt	180
cctccccctg	tctaagtggg	agatgggtga	gggagaggag	aatttcattc	tgtggcagca	240
gctgatagat	tccaggtctt	taatactacc	tgggaaacct	taacaaagca	gtcagtcacc	300

<210> 1214

<211> 299

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(299)

<223> n = A,T,C or G

<400> 1214

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tatctccagt	tggttgaatc	cattgatgca	gaaaccacgg	atacggagag	ctgactctgt	120
gtgtgtgtgt	gtatactcac	caattcttta	tttattnaac	ngatatTTAT	tgaatntTTA	180
ctatgnngga	ngnatanttn	angagcntgn	ntntanctta	gncntcancc	ntggcttann	240
gcncnnggan	tctnatgnag	atccnaganc	gntngnccnn	atcacnntgc	tttgcgctt	299

<210> 1215

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1215

tttttagttt	tccaaatctg	aattgactct	ttttttcttt	cttctagagc	cagaaacttt	60
tgataccatt	tttcatgctg	ttgaacttca	tottgtgttt	ttccaggaag	gtgttctaga	120
acttcttcca	taaagtgttg	cttcccttta	tgtttgtttc	tcacctttac	aaagtctctg	180
tgatcataat	catcccaggc	accttgctgc	cctcctgttt	gctgaaggaa	tttttcaaaa	240
tctagtacct	cttctggaag	agtacttggt	gttactttgt	ctacaggaac	tttgcttgag	300

<210> 1216

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1216

tggaacagga	gagtcgcatg	gaggtactgt	ttgcctgtgc	tgaggccctg	catgogcatg	60
gctatagcag	tgaggcctcc	cgtctcactg	tggagcttgc	ccaggatctg	ctagccaacc	120
cacccgacct	caaggtagag	ccgccccctg	ccaagggcaa	gaagaacaag	gtatccacga	180
gccgtcagac	ctgggtggct	accaacaccc	tgagcaaggc	ggccttcctg	ttgacagtgc	240
taagtgagcg	tccagagcac	cacaacctgg	ccttcgcagt	tggcatgttt	gccttgagac	300

<210> 1217

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1217

ggaaggaagg	ggcaggaccc	tccgacgggg	cagcagtggg	ccagggtgtcc	ccccctgcaca	60
gtgttttacac	cctgggacct	gccgcaaggc	atggctttca	gaagagcctc	cccccaagaa	120
atgctgcaga	caggacgggg	cttctagaga	ccttggcttc	taccaggaa	ggctgatcta	180
ttcttcgact	gttgcacag	cttcctcaac	ctctgcaggt	tcaggctgcg	agccctaggg	240
agcatcactc	aaagcaccct	gttggccact	taggatcagg	agggcctcgg	ctcacccaag	300

<210> 1218

<211> 290

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(290)

<223> n = A,T,C or G

<400> 1218

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gttgtgttgg	cacgcacctg	tagtcccagc	tacttgggag	cctgangcan	nanaatcgct	120
tgaacctntg	aagtingagg	tnatagagnc	nnaaccgngc	nanngtactc	cagcntttnn	180
gacattannc	agattncggn	tnanaaatna	aaannccncc	ctttaaatte	tgtttttttt	240
tnncttnnng	gtnnnttttt	tggagtanat	tttnnnnttt	gnnttctatta		290

<210> 1219

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1219

gcttttttggg	acagtagaaa	ttttcacatt	aatactgtaa	attctgtacc	atattttgac	60
acctgctaca	tctgattcaa	atgcgggaaa	aaataccatg	tgtgcataat	gaaaaatcat	120
tcattttttcc	ctttcttacc	ccagcaggaa	tagaaagcaa	ttccaagcca	ctctgcaaatt	180
gtatccaagg	ttagagattc	gggagctggc	caacatctta	caccccaaatt	gactgaagca	240
tttcagtagg	ctgactgggt	cgaaataaca	atttaagaaa	ggggggaaaa	aacctacagg	300

<210> 1220

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1220

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tccacccacc	ttggtctccc	aaaatgctgg	cattataggt	gtgagttacc	actctgggccc	120
aggattagaa	ttcttggctc	cttaacctct	cgttcagttt	tttcctcgtc	gactcacatg	180
ccctccaaat	gaataccgaa	gttagatttt	gcatattaaa	ttgaaagaaa	gttaaaagcc	240
ttactacttt	ctacttcagt	gtagggngga	tatgcnaagg	nttcnagtc	caaatngann	300

<210> 1221

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1221

caaaagtaga	cttttctcct	cagcctccat	ataattatgc	tgtcacagct	tcctcaagaa	60
ttcacattta	tggtcgatac	tccaagaac	ctataaaaaac	cttttctcga	tttaaagaca	120
cagcatactg	tgctactttt	cgacaagatg	gtagattgct	tgtggctggc	agtgaagatg	180
gtggagttca	actttttgat	ataagtggga	gggctcccct	caggcagttt	gaaggccata	240
caaaagcagt	tcatacagta	gatttttacag	ctgacaaata	tcacgtggtc	tctggggctg	300

<210> 1222

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1222

agatttcagt	aaagctcgtt	cgttttgttt	ggttttcttt	ttacctagtt	gctatagtgg	60
ctacagtcta	tactcaatac	ctataaaaatg	cagtaagcat	gtgttacaga	aagaggttct	120
gggtgggagag	aaaggtgctg	gtgagacagg	agaattgtct	taagcatata	aaacatgtat	180
gattccagaa	tttttagtatg	ttttgtataa	aactattttt	cattacggag	actagaagtg	240
aacagagaat	tacacaagtg	tgactatata	aattgtaaaa	cagatactat	aatatttcct	300

<210> 1223

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1223

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gtggtacctc	aaatgaaccg	gacactaaat	actcctccat	tattatagat	tctgcattgg	120
atgtcacaga	cattgatctg	tgggaaatac	tgtgtgctac	tcctgagaaa	accctatgag	180
aaatttttaa	cttttttgct	gacaactatt	tatgacttta	ttcaacaaag	tgaaacaaca	240
tttgagcgac	tgttgcctgt	tcttgaatgt	cattcatggg	cagccacaca	aaaacactgc	300

<210> 1224

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1224

tgcttgctcg	tttctgtgta	cttgcttagt	ggactgtagc	aacacactca	gcttctccag	60
tgtcaaccca	gattggcttt	cccactctac	agtttctgta	ggatgcatgt	tttcaccatt	120
atcaggcttc	tgcagtgtc	agagggcagc	aatacccagc	aaccagtgtg	ccgaggccag	180
caacttcttt	tacttcccc	tcagttggat	ttgtaacaga	gtatcttttg	tggtgacactt	240
ctgtgtgaag	agattttact	agcaccctaa	agaatggatt	tctggcaagt	tccacaaggt	300

<210> 1225

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1225
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 cctccagctg caggtgggtg tggagtttga ggccagcaca aggatgcagg acaccagcgt 120
 ctcttctggg taccagctgg acctgccc aa ggccaacctc ctcttcaaag gttaaaggctct 180
 cggttccctt acgcgggaaa caggcaggag gtgactcaac tctgagtggg tgtgtggggc 240
 accacaggtg ctggaggaca gtgtgctgcc accctgtggg cctccacatt accggggaac 300

<210> 1226
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1226
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 tgtgccacaa aaattagtat tttatgatca aatgaatttg ctttataata ttttatctaa 120
 atattcatgc tcctgaagac tcacaaaata aaggaaactt tatccagctt tttccagaat 180
 ttacttgcac atagactcca tttatatagc atgcctattg aactctgtaa atagtgcagt 240
 tcaggaaaga tagcagtgtg ggaaatgtca ctctaattgg catatacgtt tatcccatgg 300

<210> 1227
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1227
 gaatcttctt taaagtccag agtctcccg aacatggaga ctgtccttcc caagccttct 60
 cgcggggagg gaattccttc tttctgccc ctgttacatc cctgtgtgag aaggtctgtg 120
 agctgagccc acatcactcg ttctgctgcc cagggtgtgct tccatcttca ctgtggaaaa 180
 gtcattttga actccccgga gactgcaaat taagtaatca aggacagatg ggactggggtt 240
 gaccattcca aggagtacag ttacttgaag aatctggaag caataccgag cacatttgtt 300

<210> 1228
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1228
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 ttttctaacy atccaccaga ttaggggttac atttaacagt aactagaaag gtttaatttta 120
 accttaataca gaaagattaa tttctgtcct ttcatgtctc tttctgtgct cataaataag 180
 cattgtttct ttttaatcaac ctgggcagta tctttctcat ttttaacagtt gtctagagct 240
 cagttgtccc agcattttatt tcaactggtc ctgatggatg gaggggtggtg ttgcttcagt 300

<210> 1229
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1229
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 aaagttcatt ctttctagta cctacattct ccaagtaatc tgctcttttc agtgcttgaa 120
 gtaaattctt gttaacagct gaggagtagt attactgcaa gtgttcgtca cttgttgctg 180

tatacatctg	tcagtcttat	caaggaaatg	tggaatggtg	aatctgcttt	acaatgagta	240
tgccatagaac	tcagaatctt	atctttattta	aaacattgat	ctcgttttat	tttattgaga	300

<210> 1230
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1230						
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cagtgtgtgc	tgatgacaca	tacacacctg	acaatagctt	gagtcttctc	tgttcctttt	120
actctgtagc	caacatacac	atgatttaaa	accctttcta	aatatctatc	atgggttcac	180
cttgtccaat	gcagagtcag	agctatttgt	acttcattac	tattcgctt	ggaaataata	240
atgaagtaca	aatagttggc	tttctttttg	caaaaataat	taaagttttt	gtatgttgca	300

<210> 1231
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1231						
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ccagccgggc	aggcctgccc	cacatgcact	cccagctgga	gcacgcctcc	agccagagga	120
gcagctcccc	tgtgggcctt	gccaaatggt	ttggctcaga	tgtgctacag	caaccctgc	180
cctccatgcc	cgccaaagtt	atcagtgtag	atgaattgga	ataccgacag	tgagcagggc	240
aggcagactc	aactaagccc	ggacctgtgg	tggcacactg	ggcaggacct	tgcttcatct	300

<210> 1232
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1232						
atcccttcaa	gacaatgact	tgtcttcata	gctcatcagt	gagttcacag	tctattgttc	60
ctttttat	ggccagtgtg	aaatagcagt	tattgcaaga	acaaagggat	taaagcatct	120
gaagaccttt	gtttgagttc	tgccacttta	gtagtgatac	atctcagaga	tcaacctctt	180
taatgcctgt	ctttgttccc	tggaacagag	tttgtgtttc	ctttgtgtgt	acaacagaa	240
tctggtcatt	cctaccatag	cacttttgca	cactatagat	tgcaaccac	agtattttac	300

<210> 1233
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1233						
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gggaatgtca	gtgatgtaaa	agtcaaagac	ttgactgctg	aaggaatgta	gggaatcagt	120
gcccttgga	tgtcaatggc	ctggtctaca	ttgagaatga	agactgagaa	agggcttcct	180
gagggacaga	gagctgcagg	tgatcaagga	cactcaatgg	gtctctgagg	gaaaagaaga	240
ccaaagaatt	agggagtagc	tagcagaaaa	tggaggcatg	acactaaaca	cagactgaaa	300

<210> 1234
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1234

aatggggggg	gttcttcata	gtggatttct	ttttttaaac	ataccatctt	tgtgtatata	60
catttctctg	gaaatgtttg	tgaaaaggta	aagataactt	ccttagtgta	atttgtgtga	120
agtggaatgt	ttctagtgtt	tgtgaagata	tcaattgctg	gctgatattt	taagctggat	180
gaaaaatgtg	gggtgaagtaa	tcttaaagg	tgatagattt	gatatgagaa	atttaaagta	240
atgtgctcag	tgcgtagtgg	tgataaaaga	atgtagccta	cttgttttcc	atagactata	300

<210> 1235

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1235

gggaagaggt	ggttctatct	gaggacagtg	tgtgaacttc	ctattgatgg	gctccctgcc	60
atcagcacag	atgggcatgt	tgtgtgcccc	caggcgacta	tctgtgcac	agatatgggt	120
gctgaagtca	caattcactg	atggaaaagt	tgaaacagct	ggctgtcctg	aaacaggaga	180
tgtgccattg	atagatctac	tggatccaga	gtgatttggc	caaagttaat	catttctttc	240
ctgacttgaa	aaattgttca	ttatgtatgt	gaagttgcct	tagaatagag	catcatctta	300

<210> 1236

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1236

tatcacagtt	tgtaaaccgg	tgtttttgtc	cttgttattg	aagtatacaa	ctctgcttag	60
ccaaacatac	caagcaacag	acagaagcgt	cacttgagga	gaagaagaaa	gggttaactg	120
gcagagctac	tgtaaaagaa	ggatagagga	gggtaagttt	gaaagtggcc	atgggcaaga	180
attttctcca	gatagctctt	gattataatc	tctctcacct	ggattatttc	ccatctcctg	240
acagtttgtt	ctcacataac	tatcagcagt	cctctcaaca	cagaatcaga	ccatgtctct	300

<210> 1237

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1237

tgaaaatact	tatctataga	aacagtgttg	taaataagag	agtctcagat	tatcaaataga	60
aacttattta	aatccatgta	actgaactaa	taataccagc	tgcagtttta	tcctggctgt	120
aaggactacc	atgatgggaa	aaaataagag	gaaaccttac	cctccccac	attcccacat	180
gaccagcagc	ataagggtc	caggttacca	cagtatccat	catttgtctt	atggccaccc	240
aagtacacct	gtttacatga	cttactgggc	ctgtgtagaa	attgcagttt	gtgataggat	300

<210> 1238

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1238

cagttttgat	gagcatgatg	aaggcagtat	cattttttgtg	cttgatacag	tggccggaaa	60
gttcaggtct	gggtggcatc	ctgagaaagg	gagcaaggca	gtgtgggtgat	gccaggtgca	120
agaagttggg	ggtgtccaga	gggaagtga	atgctctgca	aaaaagtcag	agggcatctc	180
agaaaataga	gccacttttc	ttgatttccc	agaaatagtc	actcactcaa	agcccttgta	240
tgtgcagcag	atttcactga	tgctttaagg	aggagtttat	gctgcaaaaa	agcaagctat	300

<210> 1239

<211> 230
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(230)
 <223> n = A,T,C or G

<400> 1239
 ctcagattaa ggggtttgaaa aacaaaccga aaaagatggg ccacataaag ccagacttga 60
 ttgacgttga cttaatcaga gggtcnecat ttgccaaagc aaaacctgaa attccatgga 120
 catctctgac tcggaagggg cttgttcgag ttgtatTTTT tccattgttc agcaattggg 180
 ggattcaggt tacctcttta agaatctttg tttggctgtt actactttat 230

<210> 1240
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1240
 gaattgttag agaaggggat tctgattatt taacaacaga gaaaggcttc tgggttatct 60
 attagagatg aaaggattaa agagaaacta tagatcagct agtccttatg gagagaggaa 120
 tataaaggaa agagaaaaaa taggactgtg gcttagtttg ggctctgttg actgactata 180
 aaagtgagcc aatcacatag taattttctg acaaaataga gtttaggtta aggcttaggt 240
 caaggctgta ctttgtgtta atagtattat aatgagcaaa ttaatagaaa caagaaaaca 300

<210> 1241
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1241
 gggatttgaa tgcccatgaa agacatttta ttttacttga atatattctt gcttcacttt 60
 accctccata atatgttgta cattagtgtc gatcaagttt acagagttac attttgcttt 120
 cctaaccatt cagtcaggaa ttaaaatatg gcattgtata acaactggga agaagctcat 180
 agtggatata aattagagta gataatgggt caccttgata gcctctgttt acattacttg 240
 tatatgggca aaataattat tacctatacg tgtattttaag cttaattttc atataaacag 300

<210> 1242
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1242
 gctgggtgtg gtggcttatg cctgtaatcc aaacactttg ggaggccaag aaggaggat 60
 cacttgagcc caagaatttg agaccagcct gggtaactta gtgagaccct gtttctaaaa 120
 ataaatagac agatgataga tagtcagata gagagagaga gagagatgat atagatatag 180
 atagatagat agaatgttct ctaccccaag ggtggagaaa gacttgagca aagacacaga 240
 ggccacatgg attaaaagga ggaggagaag ccctgtgttt gcagggatga atggcctatg 300

<210> 1243
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1243

cggcggccgg	gggtaacgca	cagagagcca	gccggggcgc	tatctgggccc	gtaccgtgct	60
ggtggctggt	gcaccggcct	gcgccatggc	caggcctttt	tctctagtca	ggaccgtccg	120
gatggggcct	tagggccccg	ccccgtctag	cctggccccg	cctgcgcgag	ccccgcaagc	180
tctgcaggct	ggctagcggg	cagaccccag	ccccacgtcc	tgctaccac	ctacgaagga	240
tccggggatg	ggcagcgcca	cccggccccg	tccagagtca	gcatgggtct	ccgtgaggcc	300

<210> 1244

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1244

cgccgcacag	ctgctgaatg	ccttgggact	agctgggtgat	tacctcgccc	agggcctgaa	60
gctcagccct	ggccaggctc	agaccttcc	gctgtgggga	gcagggggccc	tggtcgtcta	120
ctggctgctg	tctctgctcc	tggccttgg	cttggccttg	ctggggcgga	tctgtgtggg	180
cctgaagctt	gtcatcttcc	tggccggctt	cgtggccctg	atgaggtcgg	tgcccgaacc	240
ttccaccg	gcctgctac	tcttggcctt	gctgatcctc	tacgccctgc	tgagccggct	300

<210> 1245

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1245

aatcggggcac	gaggccagct	tgacctgggt	gtggccggtg	ggcgagatga	agctacactg	60
tgagggtggag	gtgatcagcc	ggcacttgcc	cgccttgggg	cttaggaacc	ggggcaaggg	120
cgteccagacc	gtgttgagcc	tctgtcagca	gacttccagg	agtcagccgc	cggtccgagc	180
cttctgtctc	atctccaccc	tgaaggacaa	gcgcgggacc	cgctatgagg	tgctggaagt	240
gggcaggccc	tgtcagtctc	gcgttcttct	tggaagccga	gacgcgggccc	accctcggtc	300

<210> 1246

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1246

cagtcctctg	cataaagctg	agagatgcct	acagctgaga	gtgaagcaaa	agtaaaaaacc	60
aaagttcgct	ttgaagaatt	gcttaagacc	cacagtgtatc	taatgcgtga	aaagaaaaaaa	120
ctgaagaaaa	aacttgctcag	gtctgaagaa	aacatctcac	ctgacactat	tagaagcaat	180
cttcaactata	tgaaagaaac	tacaagtgtat	gatcccgaca	ctattagaag	caatcttccc	240
catattaaag	aaactacaag	tgatgatgta	agtgtctgcta	acactaacia	cctgaagaag	300

<210> 1247

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1247

ggccgttggg	cgagatgaag	ctacactgtg	aggtggaggt	gatcagccgg	cacttgccccg	60
ctttggggct	taggaaccgg	ggcaaggcg	tccgagccgt	gttgagcctc	tgctcagcaga	120
cttccaggag	tcagccgccc	gtccgagcct	tctgtctcat	ctccaccctg	aaggacaagc	180
gcgggaccgg	ctatgagcta	agggagaaca	ttgagcaatt	cttcaccaa	tttgtagatg	240
aggggaaagc	cactgttcgg	ttaaaggagc	ctcctgtgga	tatctgtcta	agtaaggatt	300

<210> 1248

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1248

aaggagtata	gatgacatag	gtcacctcat	tcatgaaggc	ctacagaaga	acacttcctc	60
gtgggtactg	tataacatgg	cttcatttta	ctggagaatt	aagaatgagc	catatcaggt	120
agtagaatgt	gccatgagag	cacttcactt	ctcttcagg	cacaataaag	acattgccct	180
ggtcaacctg	gcaaacgttc	tacacagagc	acactttctc	gctgatgctg	ctgtcgtggg	240
ccatgcagct	ctggatgaca	gtgacttctt	caccagctat	tacactttgg	ggaatatata	300

<210> 1249

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1249

atcacatctc	tcaagtttta	aaatgggttt	ttttgttggt	gttgatgggg	gggagagggt	60
ccagcagctt	ttaaatgttt	tcacatcggt	tgttccaaaa	ataactgggt	agcctaagtc	120
acttccaccc	tccaatgttg	tgaatgcagt	ctctagcatt	cgctatttaa	tgtcttcttc	180
ctgcactatt	tgagaaatcg	cgaggctcgac	ttaataccgc	agtcgccact	tcgctggaccg	240
gagggcgagg	tctgcttagt	tctgaggact	gcgtgggtcc	gcgcagagag	ctcctgctag	300

<210> 1250

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1250

gagttcaact	gcaacatccg	ggcacctcca	aagcagatgg	tctggtgcag	ccgtcctcgt	60
agcaaggaga	gggccgtggg	ggggccctgg	gaaaggcggc	tgatgggtgg	gggcgatgca	120
cccagagaca	tccagtttgt	gctggatgag	gactcctacc	tggtgcctga	gctcgatggg	180
gtccgcatct	tctcccgag	cacccacgag	ttcctgcatg	aggttccagc	ggccagcgag	240
gaaatcttca	aaattgcctc	aatggccccc	ggggcgctgc	tcctggaggc	tcagaaggag	300

<210> 1251

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1251

ggagcgtgga	gacagggtag	gggcagatgg	ctctggactc	tggacctaat	cctgagggcc	60
aatgaagggg	gttaagcctg	ggagtgcagc	gatcagacgt	gcttttttag	caagatcatt	120
ctggatctct	gtggaaactg	ccttgtgggt	atgagagcaa	accctgagac	cactgggggtc	180
cctgagctga	taagcaccaa	ggcagtgggc	cggagagagg	agagatgttt	aagagggtgc	240
ctgggttggg	tgcggtgggt	cacgcctgtg	atcccagcac	tttgggaggc	cgaggcaggt	300

<210> 1252

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1252

cttctgtgtg	tgttccctca	ccttccattt	aagtttcagc	ctttatctat	gtccttttgg	60
gtgtctgcca	tgctgatgat	agagctcatc	agtctttgat	aaatactgtt	aggtccttaa	120
gtgattttct	gtgaaatctt	acgcatagga	tttctgtggg	cagggtttga	cgtctgatct	180

tgttcgtcag	ctcccccttgc	tcaagaatgc	aagtgcatta	cctctttaa	tttaaaagct	240
ggtaaaactta	ataggaagt	cttctttata	ttgcaggtgc	taaacttaag	gagcccatta	300

<210> 1253

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1253

gtcatgccc	gctaatttt	gtattttt	gt	agatacagg	tttcaccat	ttggccagg	60
tggtcttgaa	ctcctgacct	caggtgatca	cccgcctcg	cctcccaaag	tgctgggatt		120
acaggcgtga	gccactgtga	cgggccttac	atgcaatttt	tatttatagc	cagtattaga		180
gaattactag	gaaattttcat	ttttatattt	agtgggagaa	agccatctac	agcatgtctt		240
caagcatgga	ctatctgtaa	catacagtgt	gcttgctttt	gaattgtttt	agtgttaaat		300

<210> 1254

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1254

aggagatagg	gacagagcat	cctaagattc	aggagagcat	tctagtcaca	gggagcagtg	60
aattcagagg	ccccaaaggta	ggagggagtt	tggtctgtcc	aaggaaagca	agaaggtcag	120
tgtagctgag	gcagagtaag	taggaaggag	agaggtcagg	gctgagatca	gggaggtagt	180
ctgaggcccc	tctgtggggg	acctgataaa	tgtgtttgaa	ttcattttga	agtgtaatag	240
gtccatatta	gaagcagaaa	ctagaaaagg	agttaggctg	ataaacatag	ggatcataac	300

<210> 1255

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1255

cctagtattg	ctataatcaa	gcaggaaatg	tttatggaat	ggaaagatta	aggagggggg	60
tatgttctta	ttttagcaat	aaaacgaata	ccagaagctt	taacattcac	cagtacaaat	120
aaatagtttc	aatggaatag	gtcgaaagta	aagggacatc	actagagtaa	atgctagacc	180
ttccctctcc	ttttattttt	agcaacagca	aagcagaaac	taagatctac	aagtgatcaa	240
agaggggtgat	ccattcagtt	tctgtgtaga	caggaataat	aataatacct	tttacetatt	300

<210> 1256

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1256

gtttcttttt	ttcagagttt	tgctgctaag	aatatctcct	caacatttga	cttcattgtg	60
gccaataatg	gtctctgaat	tgattcagac	attcacacag	cttgaagaag	atctaaaaga	120
tgaagatgag	tcattgagaa	gcaccaacaa	agtaaacaga	acgaaagttt	cagtcccgga	180
tgcaaatgga	ccctcagtgg	gggagatacc	ccagagtga	ctcatcttgt	atttatcagc	240
ttgcaaattc	ttggacacag	cgctttcttt	tccacctgac	aagatgccat	tatttcaa	300

<210> 1257

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1257

gctgtacgga	gagtgtctgga	ccgaggggag	ctgggagcag	gtactgcctc	catcctgagc	60
tgccgtcctt	tgaagggaga	acctggggta	gggttcgagg	agcctggcga	gaactgtgca	120
cctcctcggg	aggagcagcc	ccctcctgtg	ctgctttccc	cctcccttca	atatgtctggg	180
gcgagagacc	tggcctccaa	agtgcatttc	cgggacccca	aatcccagcg	gacgcaccag	240
gctcaggtgg	cgttccaggt	gtgtgtgctg	cctgggtcct	acaccccggg	acccccttcc	300

<210> 1258

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 1258

gagccacat	gcctggccca	tcgtttcatt	tgatccttgc	aacaccctat	gagaatattt	60
agatagaacg	atttcacaga	taatccatag	tgatactcag	ctaacgggtg	gtactgccaa	120
gacttgaacc	caccattctt	gnaacttcct	tgatatctct	aattatgggt	taggtctgcc	180
agtttggtat	ggagcagaaa	agaagatgta	agctttcttg	aggtagtagc	tgctacaggc	240
atacantata	tnatctcang	caatagcaag	tccaagtagg	actgatacag	tatacacaaa	300

<210> 1259

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1259

cactacatga	agtcgggggt	ttggttaaaa	tatctgtctt	atttatgaaa	ggctgaaaag	60
agaaaagagc	tattcactac	ccgagactat	aagtttttagc	tgataaaaaac	acagcctcat	120
caatagctat	tgaatgaagc	cacttgctga	gtcagtaact	gaatgtctat	gtatgatatt	180
tccagtatca	tgattaaaaat	ggagccccga	aatgtcatta	taaggcctag	ttgtggactg	240
ggggcccaga	tggccaagtg	ggagcaactc	tgaaaccatt	aaataggagg	agagagagaa	300

<210> 1260

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1260

catagacaaa	ctacgtatca	agcactgtgc	cagacactga	gtacactatg	gtgaataata	60
aaagtctagg	ggtctcagcc	agtataattc	ataatccagt	gagagacaaa	aacatgtaca	120
caggctgtga	tgagtactgt	acattggcaa	atgtgccatg	ctactagggg	atggatgaga	180
tcacagttta	agcttgggaa	gaatgagtga	gacttggcaa	agaagggggg	acaagaatat	240
tatcataaga	gtgaagaaaag	ttggggggacc	tcaagtgtaa	gagaagagaa	gaacttgctg	300

<210> 1261

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1261

atgactacca	ttatttttct	tcctttctatt	ggtttaaaat	atacttatct	cttccactgt	60
atgttcctgt	gttttattgc	atgggaaaag	gtaataagtg	tcatcaataa	cagccatctt	120

aacatgctgc	aggaactgtc	aagtaacagt	gattattgta	aaaaacgagc	tttctaattt	180
ccttgtoct	tacagagtaa	tctaagttaa	aatttccaac	gtcctatctt	tacaaagaaa	240
caaatacatt	tattttttcc	tctaattgaa	gaacttatgt	acatgattcc	tacttgatgg	300

<210> 1262

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1262

cccacacctg	ccatattgaa	ccgtttctgc	actaatcttc	tccacgggca	cggagtggag	60
ggaacgtctt	gggaaagggg	agagcttgac	ctccatctag	gtttctttta	tctggagaaa	120
aagaacactt	ttgaactatg	taatgcttcg	ccctgaaagg	caagctaacg	ctaacttccc	180
aggtgacagt	agcaggaaca	aggaagggtg	atgtttccat	gacagacact	tgcttccctt	240
gggacaagtc	ccagaagaac	tacctgaagc	accaaagctc	cccaccccag	cctggtggca	300

<210> 1263

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1263

acttttttaa	cgaatggggg	aagggatcta	tgagaaaggt	ggtatcta	ttttttatgg	60
accataaagg	tttaaaagaa	aataggggca	caggctgttg	agggttttat	gttggtatag	120
acctttttta	attatgttag	agatgtatat	aggatattta	aggtcactgg	gagcgtttct	180
gattcccggc	cacactttgc	atttcaacac	tcagcccggg	aagatgctcg	ttcgggtggt	240
ggacctcttt	cactccctgc	gtgtaagaag	gtgaatcacg	tgggaaaaag	tgatccttag	300

<210> 1264

<211> 298

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(298)

<223> n = A,T,C or G

<400> 1264

ttggaaatgn	ttctagctcc	ggacattnga	catgaaagaa	atgtgatttt	gcagtgtggt	60
cggtagatca	tcaaaaaaga	cttttttgga	ctggatacta	attctgcgaa	aagtaaagat	120
gtataggcat	ctggtgtttc	agcatacata	actgaagcat	gtgaaacagt	atcatcctcg	180
ttagtagagg	aaaacaaaaa	cccttctttc	cgtcaaaatt	ggatttgtaa	ttaaattgta	240
agcctcgtag	gatgtatggt	ggagatttta	agtctttcct	tcggttctat	gcaaaaaa	298

<210> 1265

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1265

tcttggtgtc	aaacactata	aacctttgac	cagctgagct	gtgactgctg	tcacatatct	60
gagtcctgtg	tgcacagtaa	tatcctgggt	caggtaaaat	ccaggctctc	aagttttaag	120
gattttttga	agaattcggg	cttctttaag	acgatccatg	cccaaattcca	caagcttggt	180
gacagtggat	tacagtttgt	gtggcaaagt	ccaagttggt	acactgtgct	ttaaaaaaaa	240
tcttatctgc	atgtattggt	aacttagaga	ccatgagatc	tatttatcag	gaccaggaag	300

<210> 1266
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1266
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 cttgtgagct gaaggacttc aggaaaaccc acggaatccc ctcaaattgt atacagattt 120
 ttgtgatgtt tgtgtctcac gtgtccgtgt gaagagacca ccaaacaggc tttgtgtgac 180
 agggcaagg tagaaatcat gttccagaac tcagtgaag ttgtaggcat gaaagaggag 240
 ccttctcaac aggagctgtg gccaaacaag aaacaaggca ggtaagaagt ttgatagctg 300

<210> 1267
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1267
 cagcatccac atgacaggcg gcgcgaagg gatcctgcc ctgagctttc atgagctgtt 60
 gaaccatctg gaattcacag gcctgtcatg agagacacga tgagaagtcc ttaaaggtag 120
 atcactgatt cacaggggag caggcggagg caagggtgag tcagtgtctg gaactcagtc 180
 atccagattt ggctctggaa acttctgaag ctgtagcctt tggggatccc tgactgagag 240
 tacaggaagc caacgctatg tgggtctctg gaaactcatt atctttttca ctggtgctat 300

<210> 1268
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1268
 cagcggcgag gtctgcggga ggcattggcg gagctccgga cgagcgccgg cggggccccc 60
 cggcagggga gcagctgcag cagcaacacg tctcttgcca ggtcttcccc gagcgtctgg 120
 cccaggggaa tccccagcaa gggttcttct ccagcttctt caccagcaac cagaagtgcc 180
 agcttaggct cctgaagacg ctggagacaa atccatatgt caaacttctg cttgatgcta 240
 tgaaacactc aggttgtgct gttaacaaag atagacactt ttcttgcgaa gactgtaatg 300

<210> 1269
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (300)
 <223> n = A,T,C or G

<400> 1269
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 ctgaggcagg cgaattgctt gaacctggga ggcagaagtt gtggtgagcc gagattgtgc 180
 actccagcct gggtaacaga gcgagactcc atctcaaaaa aaaaacaaac caaaaccaag 240
 ttcccactgg tgatgcctgt ctgacacgtt ttggtattta gtaggaaatg aagtgtttcg 300

<210> 1270
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 1270

ccgactactt	gtgcagtttg	ccctgctgag	ccctcctcgc	cccgggaggc	agaaggggag	60
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ggagagccat	tctcaaatct	gatcctggac	tgagctcgag	agctgggttg	agagctgggt	180
tgatcaaagt	tgggattttg	ctattattgt	gacaaagggt	ccagccttgc	agtccagatc	240
ctgaaaggcc	tgggacaagg	ccaggtaatt	tggggagtc	gtcctgcatt	gtgcaggatg	300

<210> 1271

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1271

cttgtcccca	tggtcagagg	agaccagct	gtcctgcacc	cccttgcaga	tgagtatcac	60
cccatctttt	ctttccactt	gttttttatt	tttatttttt	tttgagacag	agtctcactg	120
tcacccaggc	tgaactgcag	tgggtgtgatc	taggctcact	gcaacctcca	cctcccaggt	180
tcaagcaatt	atcctgcctc	aggctcccaa	gtagctggga	ttacaggcat	gtgcaactca	240
cccagctaatt	tttgaatttt	tagtagagac	agggtttcac	catgttggcc	aggctggtct	300

<210> 1272

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1272

aacatctcct	cttgtcattc	ctaggacata	gacggttagg	gaaactctca	tctttccttc	60
accacctcat	gagtctaaaa	acaatgataa	acccagggaa	gcttgcctgaa	gagcatcctc	120
catttggtta	ttgctctttg	tctaggaaaa	tcagactcag	ctgtgaattg	tggaccaagt	180
ggtgcagaac	tcattacttt	gaacaatgcc	tcctcggcct	gggaagcatg	ttctctcttc	240
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<210> 1273

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1273

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ttactattga	aaatttttat	tttgggtggc	agaatacga	atcgggagag	gtaacccaaa	180
cagttgtctt	aggaaaaggc	agattctcag	aggcaatggg	ctatcaacaa	aataggtgct	240
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<210> 1274

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1274

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ccaggaggcc	tgctgtgagc	cggtgctacg	tcgactacag	ggacagtgtc	ggcaggaact	180
ggccaggctg	gtgggagccc	gccctggtct	catctggatc	ccgccacctg	gacgctgagg	240
gcctgtcgac	gggccctcgt	gtgggaagcc	tgccctggcc	cagcctggct	gggtcttgga	300

<210> 1275
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1275
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 catcaaccat aatttttacg tgccttaata tgtttcttca cagattcatg ccatgttcag 120
 tttaaaagag tcctgttctt ttaatacatt atctttgaaa tgccctcttac tgaggaatga 180
 ctaaacttct tctgaaatgt gctctctgga ttgaagtcaa gagtacatgt tgcaacaaag 240
 ataatcatga ctttttagtat taagagacaa ttaccagatt gagtgtctact tagaaaagtt 300

<210> 1276
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1276
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 caagtctctc taatgggatc ccagaatgcc catggaggaa gcagcatgtg cactgtgctg 120
 agtgtctgagc aggatttcaa gagagcaaag gcagagatgc tggacagggc agcacaggag 180
 gacgagtgtg catggctact ctgagcaggg ctgggtctctg ggctgggttg agcacagcat 240
 ggggaactga aaggcagaca ctggccaaga aagtccttgt gcagggcttc agaagtgagc 300

<210> 1277
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1277
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 accctcatag gcttattata aggtcaatt atgataatgg tgtgaaaact ttgaaaatta 180
 gacttcagag aaattgagtt aatctgggat ttttatcaa tgtcttagta accaaaagtt 240
 taaaatgtgt tttgtctacc aactgggttg atgtacatgg ttaatccaaa aggtcagct 300

<210> 1278
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1278
 agacaacggg aggggtcagg tgtagtgagc aggagatgac catcctcaac ctgcccaggc 60
 caaatctcaa cccaacaac aattgttatt tttgtacatt cccttcaga cccatttgc 120
 gagctctact gcattgccta tttgcaaact ctagtagcac aagaggacaa ccacaaacaa 180
 cctgacattc gaagtcacac aagcgcaagt tttcccatc atgcctagtt ggcaatcatc 240
 ggctgagcag taaatcagaa tttgtcccg aatgttactc acctgttagt cgcagccctc 300

<210> 1279
 <211> 280
 <212> DNA
 <213> Homo sapiens

<400> 1279
 gaggagttaa attttgaagc tctttgagaa aggtaccttt tcttaacatg ttttataaat 60
 aaaaatacaa tggcttattt aaaatgtccc tatgcatggt gaaatgttaa ataccaagtg 120

gatgaatggt	tctcaaatat	attgtaatgg	agaattattc	acatgcatct	attgttttaa	180
ctaataagta	aaatagactt	cctttttctg	ttctgtttta	aatgtgcact	aaaattacct	240
gcttgtgggt	aagcatgggc	tggaacagttt	attgattttt			280

<210> 1280

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1280

ccttgaattc	ctgggcccac	gcaattctcc	cacctcagcc	tcctgagtag	ctgggactac	60
aagtgtgcac	caccatgcct	ggctaatttt	ttgaattttt	gtagtgatgg	gatctcgctc	120
tgttgcccag	ggtggtctcg	aactcctggc	ctcaagcgat	cctcccacct	cgacctccca	180
aagtgtctgg	attacaggtg	tgagccacct	cgcttggg	cccttctcca	tatgcctcca	240
aaaacatgtc	cctggagagt	agcctgctcc	cacactgtca	ctggatgtca	tggggacaat	300

<210> 1281

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1281

cagtggcact	tgggacttct	atggcagctc	tgtttgtag	ccagatgatg	aaagtggcta	60
tgatgtttta	gccaaccccc	caggaccaga	agaccaggat	gatgatgacg	atgcctatag	120
cgatgtgttt	gaatttgaat	tttcagagac	ccccctctta	ccgtgttata	acatccaagt	180
atctgtggct	caggggcccac	gaaactggct	actgctttcg	gatgtcctta	agaaattgaa	240
aatgtcctcc	cgcatatttc	gctgcaattt	tccaaacgtg	gaaattgtca	ccattgcaga	300

<210> 1282

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1282

acacagccct	gggcaggaag	ggaggcagga	agagagatcc	tcaggggctg	ggctggagga	60
gcaaagccag	ccaaagggga	gtgagagggc	agtcaagcgc	ctagaagcca	aggaacccca	120
ggaggatggc	atcgggcagg	tgccctcctg	tgcccagaga	caaaaagatg	tgtgggaagg	180
tgacagaatc	aagcggtaag	gtcagtgtct	tgagggagca	ggcaaccacc	agcctccagt	240
gacacttgcc	tttcacaggg	atcctggagg	tccccatttg	ggaaggtgga	aaatctcagt	300

<210> 1283

<211> 296

<212> DNA

<213> Homo sapiens

<400> 1283

gtctgtgat	aaaatattta	acccaagaa	agtgaaaact	aatataaaat	tagaaagacc	60
tatccaaatt	agacagtcaa	ttccattaaa	ataagaagtg	agaaaaacaa	tgttgggcat	120
tgagggtgta	atcttgccca	gatgtatacc	cagtgtgaaa	tatcttctaa	taaaaatata	180
tttggctctt	atccctgcac	atgtagaggc	ataaaaattg	gtaaaccatgt	cccgtgtgtg	240
agaactttta	aaaaaaggca	tttttgaaag	tgttgagtgg	cactgataaa	ctgggtg	296

<210> 1284

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1284

cgtctacatc	caggcctccg	agtgacggac	ctgaggtgtc	tgtttcctgg	gcaggcctga	60
tgctcctgtt	tgggtccagg	gcccctgggg	gcagaccggg	gacccctacc	agtggaagcg	120
agccatcgag	ccattggcag	aaatcctgct	gaatgtcatt	cagaaacctc	agcccatggg	180
cgccctcctg	tgccctcttc	ctgccggaaa	gccctgcaac	attctagggg	tgggggcagg	240
gccatccacg	gtttctgggg	agagccatgg	tggcaggaga	gagatggctg	aagcctgagc	300

<210> 1285

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1285

atcaccttgg	agctccttga	gtgagttctg	atcaagccat	tacactcttt	tcatgtagac	60
ctgcctgtaa	gtgtagacat	gcacactcag	ctgaccttac	tgttcaaaaag	ctggagaaaa	120
agaaacagct	ttcatacagt	gcaaaactgtc	tacgtctatg	taaaagaatt	tgagaaacat	180
ggcagtagcc	attgctaatt	aatctgggta	tgtgtaaata	gtttaacttg	atttttgact	240
ctggtgtttg	gatctatttt	aagatcgatg	gagttaattg	cttcatgaca	gttcttatga	300

<210> 1286

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1286

cggaccatc	ggagcgtaac	ctggatctcc	gcaggcctgg	cggaggccgg	ccacctggag	60
gggcattgct	tggttcgct	ggtagcagag	gagcttgaga	atgttcgcat	cttaccacat	120
acagttcttt	acatggctga	ttcagaaact	ttcattagtc	tgggaagagt	tcgtggccat	180
aagagagcaa	ggaaaagaac	tagtatggaa	acagcacttg	cccttgagaa	gctattcccc	240
aaacaatgcc	aagtccttgg	gattgtgacc	ccaggaattg	tagtgactcc	aatgggatca	300

<210> 1287

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1287

ggccatttcc	ccagcaatta	cttagataat	agggggactg	ggttgggtgg	gaggaggtgt	60
tcattctctc	taaacctacc	tgccctgaac	cgccattcct	tcttccatct	ccagagctgg	120
gctccggatg	gggaaggaaa	aggtctgggt	gcctaaccac	ctccttcctc	atccaaccct	180
gaaaccccca	ggatgtggaa	gaaaaacagg	tagcattttg	ctttcataat	gcaaagacct	240
aaagatgcat	ctgtgtttgt	caggcatgta	tgcattgtgt	cctgggtgtg	cacatgtgcg	300

<210> 1288

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1288

aacatgaggg	ccctctatgc	cagaagtga	ttcatctcac	aaaacatgtt	gactctagac	60
tgggtgcctc	tccagctact	actaccccca	ttagtcacct	agtaaaaaat	gacgacattt	120
catcacctgc	acatgaaccg	ctttcccccc	atttcttaat	catgaatttc	tgtgtcttaa	180
attattaatg	gctaagacta	ggtctggcag	ttaattttct	tctcctggat	ttttggccca	240
actcgagtat	ttttgaaaaa	ccgacacagt	attttagggg	agcccaaaaa	ccatgatggg	300

<210> 1289

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1289
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 cgcagacccg agaacaggag cttctacctg gccctctaca agcagatgag cttcctggag 120
 aagcgaggct gcccgcgcac ggcgctggag tactgcaagc tcctcctgag tctcgagccg 180
 gatgaggacc ccctctgcat gctgctgctc atcgaccacc tggccttgcg ggcccggaaac 240
 tacgagtacc tgatccgcct cttccaggag tgggaggctc atcggaacct gtcccagctc 300

<210> 1290
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1290
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 agagttagac caagctgcag cttttgaggt gaaaggggat ggaagaaagt actgttactt 120
 ttccacttag aatttttggg ctttgttctt aatgaatagg ttcatthttca atttcaaagc 180
 aaagtgttaa catttttgaa atttgtctca attctaaagg ccaaacttaa atatgtctcc 240
 tcctactggg gcatggagca agttattcat caaatacaga ttctcgcatg gaaaagaaag 300

<210> 1291
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1291
 gttttatata ttttatgttc tttgcaaaac tggagcccca gaaagaatac aaagtgcagt 60
 tctgttccca cttctccag aatagcctag gatgggcaac catgtaaaaat tcaataaaaa 120
 tccaaccttc taactaactc gtggtgttgg agagtattaa gcatttgaaa agttcaggta 180
 gaattttcat cctttttgag ctctttccta gctgctttgc tgtgatatat ctgtcactcc 240
 agatgagggg gtagtggtgg aaaaggaaatg cattctcaga ttcattgttg gtagttcaaa 300

<210> 1292
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1292
 aggtaggcac ctggcatgtc agttgcctga atttgaaagt tttcacctgt atgttttggt 60
 acgataaaaa taaaaatgta atttatatat ctgaatcagg tctgtatgtt atgatcaatt 120
 gctcagcaat ttcgggcagt tggtttgatg gttatgtagt aatgtagcct gagagcagaa 180
 atacagagcc tctgggctag agaaagtata aatggcatcc taggctatgt agggttacag 240
 ctcttcagaa ggaactttca ttttcattgt gacacatcgt ctacatgttg tagaagaaca 300

<210> 1293
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1293
 gttgtaccaa taaagtttgc aacctacagc aatagccagt caataaagga aatgatgctg 60
 atgtagcatt tatgagcctt aaaaaacaaa caaaaaacct taagatgtta aattttattcc 120
 aaggattctt tttttttgtt gtacatgaat gttcatatca ggttttattg taatagccaa 180

aacagtatac	acctgaatgc	ccaccaacaa	gtgactagat	aagcaaagta	cggtacatgg	240
atatgatgga	ctacctcaga	gcaataaaaa	agaatggact	attgatacat	gctacaacat	300

<210> 1294
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1294						
gtttccttct	gttgctctgt	gcattataat	atacaaaaata	acttattttg	atgatcagag	60
gtcttgaggt	cttgacctct	tgacatatac	actgaaaaaa	atggggggtg	tatgtatgtg	120
tgctctaccc	aaacctgtgg	ccgccacttt	tgaattctca	gattgccctg	aattttgcca	180
cttttaaata	atgtgctgaa	taagctcagc	aactaaaaac	cattacccaa	gaacgtttct	240
tgtgagtgg	ctgatttatt	ctgattcatt	atattccttt	tggtagattt	tataccccct	300

<210> 1295
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1295						
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agatgctttt	cccaggcaca	aattgggaat	ggaaatcacc	tagttccgtt	ccctctgaca	120
gctgtaatcc	agagagctaa	gctgcttact	tcattagctt	ggtataagct	gacgacagca	180
gtgcccttgc	tttatatttg	tcagagctag	gaaataagcc	ttcttttttt	ctgctgtaat	240
catagttacc	cttgaactga	aatatcttac	atttattctc	aagcaggtag	ggagaggaga	300

<210> 1296
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1296						
ggttcataaa	cacatggcta	acaaagtaaa	gccttcaagt	ctggcacaga	ctcttgacta	60
cacgatggga	aaagggattc	caattacgat	ttaacttgta	ttttaagat	gagaaaagaa	120
atgaataaga	aaatttgttg	ctatttttct	tcttccaaat	tagaatctat	atctctaaaa	180
atactttgca	tgtttagtaa	acatccatct	tgaacagaag	ataccttgac	atcagttcta	240
tttaataact	atggcaatta	agagatttag	aaagcagagg	aaaagaccaa	aaaaaagtat	300

<210> 1297
 <211> 289
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (289)
 <223> n = A,T,C or G

<400> 1297						
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gtcctgtgta	gcagcaggta	gtgtggcttt	gagaaaaata	aatggccacc	ttgctccgct	120
gttcttttct	tgtaaaaaaa	aaaaanccgc	nnaacaaatnt	tggcctttnt	agctnggnna	180
ccccnggccg	gncaatccct	netnetctcn	aagcctcggn	ttcctccctt	gaaaagtaaa	240
gaaaataact	cctaaactgc	ctcccnaggc	ttgctggcag	gatccaagg		289

<210> 1298
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1298
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 taacagaaaag agagaacctt ggagttactc ccttaggctg gttaaagtga aaggtagcca 180
 agtcaaccca gcttggtttcc ttctctcatt aggaaagaac tattgttcat tctcataaca 240
 cactttttcc aattgcaaac atactcaggg ttaaaatagt ttagcacaaa ttgcagccca 300

<210> 1299
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1299
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 aatgtcactc tgtaaagagt aaaaaattta ggatgatgat acgatctggg aaaaaaaggc 120
 atattgaaga ccacttaaaa acaaacaaaa aaacctatga aggtgcatgc tatttcccca 180
 gagctaaaaa gataagtga attgtgtttg aactcttaag tggaggtgaa gcagaattta 240
 ttagccacca accacataag tgattatgaa gtaactgaga aacaggtaac attttttccc 300

<210> 1300
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1300
 cttgggggtga gtctcatctt caccctttca ccaactgtcc tggttaacaat ctcccttcca 60
 tttccttggt cttacagcat accccataga atcaagcctc gttattgcca gggctgaact 120
 gacttttttg tttttgtttt tgttttaagc agtaccattg tgcaccttgg gaaaattcct 180
 gtgttgatct aattttacca tattcttcac tccactgacc actccaatta ggatactcct 240
 ggcaactctg gttttagaga ggcttagata tgtggctatt tatccttttg tcttcagcac 300

<210> 1301
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1301
 aggaagctgg ttgagaagaa gaaggaaaaa gtgcattcta ctgactgacg tttccccctg 60
 ctgttaagaa tccaaccac acactttcac acactattcc aggttctggc tactgaatga 120
 tcccacagct gaggtctatt gtcacgctc cacttctatt ttagcagca ctaaaaacat 180
 tcccaaaaaa aatgtttttt agctttttta ctgcgattca ccactaagaa attggcattg 240
 gaacagtcca cagagcttat tcaaatttca cccattttac atgcactcat ttgtgttgca 300

<210> 1302
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1302
 ggtacacgaa gaggtgataa tgacagccac caaggagatt tggagcccat tttagaggca 60
 tctgttctat cttcccatca taaaaaagc tctgaggaa atgaatacag tgatgaagct 120

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cctcaggaag atgagggcct tatgggcatg tcccctctct tacaagccca tcatgctatg      180
gaaaaaatgg aagaatttgt ttgtaaggta tgggaaggtc ggtggcgagt gatccctcat      240
gatgtactac cagactggct caaggataat gacttcctct tgcattggaca ccggcctcct      300

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<210> 1303

<211> 299

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (299)

<223> n = A,T,C or G

<400> 1303

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gacgaatcgc tcattctctg ttcttttttt aaaaagaaaa gatttcagaa aaaaaaaaag      120
tcgtcttttt ctttaaaaca gtatgaataa aatctggaca gctgtcgaaa aagatatgcc      180
gtctgcattt ttttttaatt tctagccacc accataacta aatagcttga atagaacctc      240
ttttcttttt tttcccttc atacataang atctctactt cnttaaaagc gtattaatc      299

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<210> 1304

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1304

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gattcatttt tgtactagtt aatatcaact ctttctcaga agtagtcaaa atataaatag      60
gaagtctctc aaaagtaacc caggagcaac agctgagcag tgccagagtt gtgaggtaaa      120
catcaatcat ttcacaaatg ttctgacttg ttgagcagtg ttcatttcca ggtttcaaac      180
ttaaagtatc tattaagcaa tcttaaaaga aagaacaccg ccttaggaaa aaagagattt      240
gccaaactct tcatacttcc ttcaataact gcttagcaaa cactcttgag tgtcttctat      300

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<210> 1305

<211> 298

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (298)

<223> n = A,T,C or G

<400> 1305

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ttgctctatg tgatgtttat tatcaaatac atataatttt gaagatttta atgaatggct      60
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ggtgtctgtt tctgattctt atcacaactt gctacttagt gtctaccaag tcttccacct      180
ctttgtctct caaagagctg tgaacactga tggcaggagc cggcaccacn ccacnnactt      240
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<210> 1306

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1306

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gcttccccct	cattggcatt	aatctgggca	ccagctctct	ccatagcagt	gacttcctc	180
accactctca	tctctcagcc	ttgccttttc	ttcctgacac	tgtcgccccc	tctctcagg	240
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<210> 1307

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1307

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actgagattt	tggaaacact	gaagaattat	agcattataa	gaattttaaa	tttatgagaa	180
aatctgagac	aggggcagag	atggctgatt	ttgatcttgc	tggatcttag	accatgagaa	240
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<210> 1308

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1308

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actgttctca	accagtagaa	gtagcttggt	aaatggctca	tgaaaatggg	aggcacgcct	180
ttaaagataa	tagaacaaga	aagtacgttt	caccatgaaa	agccgttcgt	catgatctac	240
tgagatggaa	cataatgtaa	actctgtgac	tcagtgggtt	cattcttaag	tgttgtgtac	300

<210> 1309

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1309

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ttcctacggt	tgcaactgga	atgttttttag	gaggatttat	cattaaaaaa	ttcaaattgt	180
ctttagttgg	aattgccaaa	ttttcatttc	ttacttcgat	gataatcctc	ttgtttcaac	240
ttctatat	tttcccta	atc	tgcgaaagca	aatcagttgc	cggcctaacc	300

<210> 1310

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1310

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tcctgaccaa	gacctggggg	gccccagagc	tcaggagcta	gcacaacctg	gggatctgtg	180
caagaagccc	tttgtggcct	tgggaagtgg	tgaagaaagc	cccctggaag	gctggtgact	240
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<210> 1311

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1311

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atgctctggg	aagccagctt	gggtcctggg	tctacagagg	gccctggccc	cggagcccag	180
ccagctctgc	ctctctcagg	gcctggagtc	ctgggggagc	tcagccagct	ctgcctttct	240
cagggcctgg	agtcttggat	gaatcctgca	ggttttttgg	tgcaccggcc	cagggaggaa	300

<210> 1312

<211> 132

<212> DNA

<213> Homo sapiens

<400> 1312

gatcagtga	aaacattagt	atacgttttt	aaataggcta	atTTTTcaac	ttggatcatt	60
aggcttacgt	actacttggt	tcaaattgtg	caaatacaaa	aatggtaact	aggttgacag	120
atactttgta	tt					132

<210> 1313

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1313

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gcctaagagg	gctagtggaa	tgctagaatg	aactcattta	ccttcctttg	atatttaggg	180
gctctattgc	ctgctaattt	catcactgtt	atTTTTctta	cctcttatct	ttttccctgt	240
agttattatc	agcctaatat	tcattcattc	attcatttac	ctgagttttc	aggcttgtgc	300

<210> 1314

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1314

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ccatcgtagg	cagtcacact	ctttctctct	tggatcattt	gctgtgggga	agcaaaactgt	180
catatgagag	gacactcaaa	cagcctctgg	agtctcattt	gctaagggaac	tgaggactcc	240
agcctgagaa	ctcaggcaag	taactgaggc	ctgccaacaa	ccatggagaa	agcctggaag	300

<210> 1315

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1315

gctaagggtta	aatagtatgt	attcctttct	tacagttttt	actctaagat	agctattttcc	60
tcagtgttaa	ctcattaaat	tacttgataa	gaaccagctt	tatattgtaa	gatgtgtgtaag	120
cagtgggagc	aatgggtggaa	atagcctttc	tattttattt	acccaagtct	gtgtactcct	180
catccttacc	agggccccta	actgatcttt	ccactaaatt	atgtgtgtca	cagcgaaatt	240
aaaattactc	ttccaaagtg	caactctaatt	catggcactt	aagggatttt	cctttactta	300

<210> 1316
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1316
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 ttgttgtgct gtcttctcat tagcatgcaa tattcacttg actgaattcc ttttttagcta 120
 agagaaatat tacagggcat gatcatttta ggttattaag gtgtctaact caatatgtaa 180
 actgctgaaa agaattatat gtttttatca gataatctca acatttcaaa agacaacaca 240
 ttcagactac tcccctttcc ccccaacttt tatctagtgt ctgaaaccac atgactagtg 300

<210> 1317
 <211> 55
 <212> DNA
 <213> Homo sapiens

<400> 1317
 gcatacctgtc cttgggaacc aattttctcat tattgtcagc cggtcagctg cctgc 55

<210> 1318
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (300)
 <223> n = A,T,C or G

<400> 1318
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 aagccattaa ggcataatgta tagtatatca gtaaagatgg atgggtgcata tataaatagt 180
 cttctgtaat agtgattgga tttacttctg gattatnaga gactcaaaat nttccccanc 240
 ctgtctctat cctttcncag gttgatccct tgtcatgatt tttcattacg gtgggttcagg 300

<210> 1319
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (300)
 <223> n = A,T,C or G

<400> 1319
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 agattctgct tactagtcag tcccaggcc caggccactc gcaaggggag gacattacag 120
 gaggcgtgag tataggtggt gtgatctgtg gggaccgtcg cagaggctgc ccaccacaag 180
 ggggtaaaac ctataaaact tcgaagttgg atttaataat tttcaattac taggaaatag 240
 ataaaaacaa attttctgtc cttcacagaa cactaaagta tgtattggat tttttatccc 300

<210> 1320
 <211> 300

<212> DNA

<213> Homo sapiens

<400> 1320

gtacaactct	taaagctttc	tacattttac	atatacagtc	atctctcagc	atccgaggaa	60
gattgggttc	aggatggctc	aaggtcctga	tataaaattg	cgtagtattt	gtatataacc	120
tatgtacatc	ttctcgtatt	ctttaatctc	tagattactt	ataataacctg	atactatgta	180
gatgctatgt	aaataattgt	tatactgtat	tatttttcaa	ttgtttttatt	gctatttttta	240
ttgcttttcc	ctgaaatatt	tttaatccac	agtaggcgga	tgacagaacct	ctttatacgg	300

<210> 1321

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1321

gtgaattcct	cagcaccaag	ttgtttaaca	cagaagagag	gtggaaacaa	aaaatgcttg	60
gattttactg	gctttctttt	agcattttctg	tctagtcgaa	atggggggcca	ggcttgcaca	120
catagacaac	tgaatgaatg	taaccggacc	tattccatct	aggctgacct	cttgaaagat	180
aggaggggaa	gtctaaaaca	ggagaaaagt	tttagaaatc	ctttggatta	ggcttaccca	240
gattagtggg	atgtaaaata	ttatgatatt	cttagtggtt	caggattatg	gattttaagt	300

<210> 1322

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1322

taaacatcca	gatgtgtttt	gatagcctgg	ggtaattaag	gttgaggaca	agtgtaccag	60
atcaaggaga	ggaacccgtc	ccatgcctgc	cgtgtgttca	ggtaggctaga	cttggtgttg	120
catctgttag	ttccactctt	agtacatcat	tgtgctgtga	ggtagtcatta	gccgccgttt	180
aatttttctt	ttgttttttag	agacagtgtc	ttgctctcac	cccggtctta	gtacagtgtac	240
atgatcatag	ctgactgcaa	cctcaaactc	ctgtactcaa	gtgacccctc	tgtcttagtg	300

<210> 1323

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1323

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catctttctgc	cacccgacct	ccatctttga	tggttagcgc	cttcagccct	caacagcttc	120
gcacaaccaa	cccctagaag	ccgtggagtc	agaccggcca	gggtgggacc	taggttttaa	180
ctcgggttct	ggctacacac	gctgcgcctc	catacagttt	gtcccagggt	tggcagcagg	240
ccggctacct	tcaggaattc	tttgctttgg	cttctgtctg	ttcctgtctg	ttgggcaagt	300

<210> 1324

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1324

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ggccgagtct	ccgactgtct	gtgctttcac	ttacactcct	cttgccaccc	cccacccctg	120
cttacttaga	cctcagccgg	cgccggaccc	ggtaggggca	gtctggggcag	caggaaggaa	180
gggcgcagcg	tccccctcct	cagaggaggg	tctgggtggg	gcctgctccc	catcccccca	240

agccccacca gcactctcat tgctgctgtt gagttcagct tttaccagcc tcagtgtgga 300

<210> 1325

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1325

ccttggggcca	gaccctttcc	cctgggggtgc	tgatttcaca	cctgtaaaaat	gaagaagttt	60
gacttgcaca	gtgcttttct	tagactgtgg	taaggggtgg	atgtgggggt	agtgccaaaga	120
ccaagtga	gaggcttctg	gacctccatc	cttgcttcag	ccagagcagc	gtgggttcat	180
ttcatttttg	gattttggtt	tgtgggaaga	aagggttctc	ttgccggtgt	gtgtgtttct	240
gataaaciaa	gaagtgtgga	agtggctgaa	tgagatgacc	caaggactct	ttctgggaag	300

<210> 1326

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1326

tttagagaaa	gctggtagct	aggctgttca	aggaagggcc	tctgtgagaa	aggggatggg	60
tggctgggtg	tgggtggtca	cgcctataat	cccagcactt	tgggaggttg	ggagtttgag	120
accagcctga	ccagcatgga	gaaaccccg	ctctactaaa	aatacaaaat	tagcccgga	180
tgggtggcaca	tgcctgtaat	ccaggctacc	tgggaggtcg	aggcgggaga	attgcttgaa	240
cccgggaggc	agaggttgta	gtgagccgaa	atcatgccac	tgactccag	ccgggcaatg	300

<210> 1327

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1327

cagctactcg	ggaggctgag	ggcacaagaa	ttgcttgaac	ccgggaggca	gaggttgcag	60
tgagccgaga	ttgtgccacc	gcactccagc	ctgaatgaca	gagcgagact	ccacctaaaa	120
aaagtaaaag	aaaaaaaaaga	ggaagaatta	gcacatttct	attacagaat	tggacttgaa	180
catgcaaaat	catgtctgga	tttctcagtg	aaaagctgtt	ttacgttagt	ggactcttct	240
aacattttga	aatgggtgatc	tggatttggg	atctggctat	cactgacca	ccttgggtct	300

<210> 1328

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1328

ggcaaggagt	ttgaatttta	ttcaagaatt	ttattcaaga	attttattta	ttttattctt	60
gaattttatt	caagaataat	ggctagccat	tgaagagttt	aaagtaggga	aacagtgtct	120
tcttattcac	attttgcaaa	gttctccatg	ggctactatg	tgaataatca	gtccaagggg	180
gaggtaagag	tagaagttgg	gagactagtt	acaaagtcac	tgagttttgg	agattatggc	240
accttggact	gtaggtgata	gggatggaga	tgacgataag	tgaatatatc	cagaaaatat	300

<210> 1329

<211> 294

<212> DNA

<213> Homo sapiens

<400> 1329

gtcagaatgg	ggaaagtggc	aggatgcagg	caaacatggt	cttaatttag	agacacgatg	60
aaggctcagg	actttcctag	gcagataaaa	gaagaaagaa	gctgcttttt	gaaaagaggg	120
atcaagatta	tgacaaaaag	ggagattcag	ccatcagcag	aacccaaatg	agagcctaca	180
aagagacact	gtctactcag	agtacatctt	cagacatcca	gggtcccaag	ctactgtgtt	240
tactgttagc	ccttatccat	tggtatgtct	tactgcttta	taactcttct	ttaa	294

<210> 1330

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1330

gtggatacct	ctagtgcaat	ttataagcaa	tatcgtttac	aaaaggttac	agagaagtat	60
ccagaattgc	agaatttacc	tcaagaactc	tttgctgttg	acccaactac	cgtttcacaa	120
ggattgaaag	atgaggttct	ctacaagtgt	agaaagtgca	ggcgatcatt	atttcgaagt	180
tctagtattc	tggatcaccg	tgaaggaagt	ggacctatag	cctttgcccc	caagagaatg	240
acaccatctt	ccatgcttac	cacagggagg	caagctcaat	gtacatctta	tttcattgaa	300

<210> 1331

<211> 298

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (298)

<223> n = A,T,C or G

<400> 1331

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atctagttct	tagctggggt	ggacaatttt	gaagctcgaa	tgacaataaa	taccagcttg	120
gaatgaactt	ggaacaaaaca	tgatgggaaa	tctgggggtca	agggaaaatg	gcagtttcag	180
gggaatatac	cagggttaata	aatccnggaa	aaactgnntg	gtttgngggg	gnctccacca	240
cttggaagtt	gctgnaanna	ttgatgnaaa	gaactctgaa	annaaaaggt	gttgggca	298

<210> 1332

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1332

aggatatgtt	gcactagttg	ttccttgtga	ctggaatatt	ctctgcccc	actttgaaag	60
gctagttagt	tactttctcat	cattcgggct	taggttaagt	gtttcctcct	tagagttctt	120
ccttgattta	tcttcccccc	agtctaaagt	gccagtcaca	ttaatctgtt	ttattttctcc	180
atacagcact	catcactgat	tttttaaaaa	tctatttttg	catctttctc	tctcactgga	240
atattatgtg	ctcatgaaga	agctccttgg	ctattttgtt	cctgatcgtc	tgcgctgcat	300

<210> 1333

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1333

aaaaatttta	tggacttcta	tggatatttc	ttgatgctta	gagatttggt	tttttaattg	60
caaattgtgaa	tagtctatct	acaaatgcta	ttacatatgg	agcgggcctg	tgggtgatgg	120
cactattcct	tggactaatg	gtaccaggt	tccattctct	gtcagctcgc	gaggctctag	180

acaaagcccc taaaatgctg tctgcttcag tctccttaat ggtgaagtgg aaatgaatac 240
ctactgtcac ttaactcatg gagatgctgg actgataatt agatcatgta agagcacttt 300

<210> 1334
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1334
ggattttctcc tccttccgcg ctttctgcgt gacactggct gtcagctctg ggctgggctt 60
tctggggggcc acacagctgc tgaggcggcg gggtgaggcg gcccgaaagg acccaggggtg 120
ctcaggcctg gttgtggata gcggcctgtg tggagaggag ctgctttag gcagtgagga 180
ggcggacagc atcaccttgg gccggtatct ccggcagctg gcacgccatc ggaacttcct 240
gtgggttcgtg agcatggacc tgggtgcaggt gcagtggctc acgcctgtaa tcccagcact 300

<210> 1335
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1335
caagaagaaa catggcggct atccttctct cacatcgaaa aggaaatttt gaacaatcat 60
ggaaaatcta aaacgtgctg tgaaaaacaaa gaagagaaat gttgcaggaa agattgttta 120
aaactaatga aatacctttt agaacagctg aaagaaaggt ttaaagacaa aaaacatctg 180
gataaattct cttcttatca tgtgaaaact gccttctttc acgtatgtac ccagaaccct 240
caagacagtc agtgggaccg caaagacctg ggcctctgct ttgataactg cgtgacatac 300

<210> 1336
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1336
aaagcctaac tagttatgat aaatgtatcc gtaagtaaag taattaagcc agtttgggggt 60
tggcagagga attgtgccag acatctgtgg attttgctac ccagcagcat tcgctcttct 120
cctggttgtg gggccccagc cctgttgcta ttacctggaa cttaaaggta agatgatgggt 180
tcaaagatga agccaccatg gaagagagca tagcggacag atggagagaa actgcatcca 240
ggtgacccca tttgtactaa acctgggttac ctggtttttc ttttagtacat atgccagttt 300

<210> 1337
<211> 292
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (292)
<223> n = A,T,C or G

<400> 1337
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aaaatactgg aattattaaa acgtatagta tgctagctat ctttttaaatt tatgctaatt 120
ctcttcttct gaaattatgg tcacactata tactatagca ttctgggttt atcctttgat 180
aaaacttttc ttttttcttt ttttttttga aacagggctc naccctcgctg nanaggctgn 240
agngcagggg caaagnctcn actnantgca gccttgacct ccnggnccca gg 292

<210> 1338
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1338
 caaagtcata ccaaaacttc acttaagagt ccctaccctt actccagtgc ttattttcatt 60
 atctagcaga atgtaccttt atttgattca ctattttacca ctgattaaag tggagcgtct 120
 gtggagttat acgttacttt gtagactttt gtctagttaa atacaaaaga caaccccaaa 180
 gggtataaatt tttttgccta tagaacattt caggaaacag gagtaggatt tttgtctata 240
 atatagcaaa cttgcttcaa cataccttcc acaacttaca aatgctcttt gaaccagcct 300

<210> 1339
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1339
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 ctctgttggtc ctctgtgtgt gtccctttgt cctgacccct gtcaccttgt ggggtccaaaa 120
 tgggttccact agcctcatgg agcctggcct tacattgcag agtccaaagc aggagctgag 180
 ggaaaaatgaa aaacaacttc ttcattaccg gaagcccagc aaacttctcc ttaaaaatca 240
 ctggtcaggg ctgggtgcag tggctcacac ttgtaatgcc agcactttgg gaggctgaga 300

<210> 1340
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1340
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 gtcagtgaag gtcagtattc tgaagatatt ttgagcaaaa gtaacctgaa ccagatgcc 120
 aaggagttaa ttccaggaga gaagtactga gccgagaaag ctttgaggaa gacttgtctg 180
 tccccacatc tggggatagt aatgcacaaa atgggtggagc tgaagagggg gatggggcgg 240
 gcgaggggtg cacagcggga aggggagtggt tgggtctcaca atactgtgac tctgagtaac 300

<210> 1341
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1341
 ggccctccag atcgtgctgt cccacctacc tgcaccgcgc aggccttcca gatcgtgctg 60
 tcccacctac ctgcacatct gccacagctg gccctgggac caccacacga agggcctggg 120
 cctaaccctt tggcctggcc cagcttccag agggaccctg ggccgtgtgc cagctccag 180
 acactacctg ggtagctcag gggaggaggt ggggggtccag gagggggatc cctctccctt 240
 ggggctgccc ctgtggaggg ggatcccgc tctagaacta tagtgagtcg tattacgtag 300

<210> 1342
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1342
 aactgacctt agcctcagtt tttcagatct gtagtactta ctttacatga ttgctctttg 60
 aattgaataa cataatttat gtgaaaacac ttaattatga atgctgtaaa actatcaaag 120

ccattaatat	gtgttatagt	agcatcatac	atthttgcagc	ataatccaga	gaacaaggag	180
ttgttaacaa	gggagaggaa	gataatctgg	ttgggctagt	attatactct	caggtgctac	240
tgacttctta	gatgaccttc	aagatgttag	tacaactctc	tacttgagaa	tgctattttc	300

<210> 1343
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1343						
atgttttggg	aaatagcttg	cgagaggtaa	gaaggattgc	aaagtttttc	caaaatattt	60
tatgaagtta	gtgaagtcag	ttgaaatgtg	tattttaaca	tttgaaggga	tacagttaac	120
atthtttttaa	tgagaggaaa	ccattgtctg	tagttcagaa	ataagatgga	gtgttttact	180
tattttaagg	gtaattttaa	aagtaacaa	aagcattggc	ctacaagaga	aaggatgatg	240
tggtattata	gtgctttttc	taatcgttaa	tattaatcaa	caggtgagta	tattttccgt	300

<210> 1344
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1344						
tcttgactga	ggttcccatc	tttcttagtt	ctcttaagga	tgtgctattc	tattctagat	60
gcataggagg	gaagttaatc	cagtcttaga	tcagcagggc	tgagttcttt	ctcagaacca	120
tagttgaaaa	agcctaaata	gaatttttag	aaagttctat	ttagaaagaa	actaagaatt	180
atgattaagt	tttggcctaa	gcaacttaat	aggcagtggg	atcattttatt	gagaagcaaa	240
tcagataaga	agcagggtat	ggggcttggg	aggaggtaag	ggcagaaagt	tggttattct	300

<210> 1345
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1345						
ccgattttaca	gattgaagcg	gtaaattagt	ggtttttatgg	tattttctgta	aacagggata	60
aagtggaccc	tgacaaattc	aatattgtct	gaagagacaa	tctattctgg	ttctgttgga	120
cttcagggta	tttttctttt	tttgtaaaat	gaaaactaca	aagaaacctg	acttttcaat	180
tttttataca	tgtaattttc	tagaaatcta	ggaagtcatt	tacacatcct	tatataccat	240
gaggggcaaa	agtaagcttt	cttcctccca	aagcaaaact	ctttttcctt	aaggagctgg	300

<210> 1346
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1346						
ctgaaatgtc	aaacacggcc	acctaggcag	cattttacaag	caagagtcca	ctgctttttt	60
gatgtatatc	ttaagcgccc	ccagtgaatg	aacagcatat	aactccacat	aaaaatcatt	120
aaatgtaatt	gacttccaga	gcaggcagtt	ctgttgtagt	cctctggaga	aggctggctg	180
aattggaatt	ggctctgtacc	ttctgcctat	catgtacatg	aggtttttgg	gcaaagagaa	240
ctttccacaa	aataagtcca	aaaattatag	atcatcagac	aaccaataac	atattgatga	300

<210> 1347
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1347

cttgctcatc	ctcatttggg	aaactgctac	gttaaatgtt	tcaggtatgt	ctgattgacc	60
tgtcctgctt	ccgagaaatt	gatgagctaa	taaaaaagga	aaccaaaggc	aaaggttctt	120
tggaagtact	caatctgaaa	gatttgaaga	aggagatgag	aaatttgaat	gacacccatc	180
agtctcttca	cctctaaaac	actaaagtgt	tttcgtttcc	aacagcactg	tttcatgtct	240
gtggctctgcc	aaatacttgc	tcaaactatt	tgacattttc	tatctttgtg	ttaacagtgg	300

<210> 1348

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1348

gggatccctc	cctccaccgc	ccccccagcc	ccgggacccc	gagtgccact	ccagcctcac	60
cccctgccag	tgccactcct	agccagcgcc	agtgcgtctc	cgcagccacc	agcaccaacg	120
actccttcga	gatacggcgc	gcccccaagc	cagttatgga	gaccatcccc	ttggggggacc	180
tccaggcccc	ggcgtctggc	agcctccgcg	caaactctcg	aaattctttc	atgggtcatcc	240
ccaagagcaa	ggcctccggg	gctcctcctc	ctgaggggag	gcagtcctgt	gagctgccaa	300

<210> 1349

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 1349

aagaattgna	cgactcttat	tgatgagtgc	aaaatttttc	tatagatttg	aaagtcacta	60
ctaatacatga	ctagctgatt	ataataattg	agagtaaact	tttaaaatta	ttaaataatcc	120
tgtgaaagtt	ggagcacagt	aaccattaac	cctaaatttg	atactatgtc	catatgaatt	180
cagatcataa	tagtgctcta	tcatgtgaaa	ctactaaagg	atgtatagag	ttaaataatta	240
cgtatccact	ttaatgaaga	ataggtatta	cacagtaatg	gttgtttaaa	aaaatttttt	300

<210> 1350

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 1350

gccctgtgtt	aatccagggtg	agaacaggta	gtacccaaat	tagggcatgg	tagcagggat	60
gcagaggaaa	gaagaggagt	aggaactatt	tgggaggtag	tattactagg	atttttagctt	120
tgaagggttg	agagaaatgt	caagcctaac	tacaagcaag	gtttctagta	tcagtaactt	180
catatcattt	gaaatacana	nattagcaat	caatgtatan	ancntnctgg	gctaancnta	240
gcatgaantc	tgacttcant	gtagcattga	ggagggtcct	ggcctcagat	actgcaccag	300

<210> 1351

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1351

agataactgta	tatgttgaaca	agatttttttt	ttatcatttc	tatagtcttg	gagttcattt	60
gtaaggcagt	gtcttgactt	ggaaaggatg	tgtaaatggg	gtgactttgt	agcatgggat	120
gttgtcttga	gttaactgta	gtgggtgggg	aggtccaatg	ccctccgcaa	tgcccttcat	180
ctcctgtgtt	gtcctgtacc	ctgctcagct	ccatcctggg	gttcagggaa	ggcacacttc	240
ccagcccagc	tgtgttttat	gtanccgana	tanagnng	tccgattcaa	nntcatncac	300

<210> 1352

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1352

gctattccga	atagccccag	gtgatccagc	tcacaccaac	gtagcaatgg	aagtcagcac	60
ctctgtctggg	ccaaggccat	gcttccccag	cctgtggctg	cgctctgct	gtctctccgg	120
gtctcacctg	ggcgggaggc	tcctctggag	gccaggacct	gccttgtag	ggtgcccttg	180
tgggagaggc	gcttgcccaa	acctgctgtt	ccccgggggc	tccttggtgg	ccccaggac	240
tggagctctc	tgccagagtg	cccctcccca	gaggttagga	ctcccatgac	cctgtccctt	300

<210> 1353

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1353

gctgagtatt	tttttcaagt	gtatcatttg	cctgttaact	taaaattcta	ttttccccct	60
aattctatgt	cccagttttg	gttagtgtgc	tctgggattt	ttgaccatt	ccatagtaat	120
agttattact	actaccacta	cagtaaattc	ttacaagaac	tttccatgtt	ttttgggagg	180
aggaggagga	gtagttacat	tcaggatcat	atacataatt	gttttagctt	agttctgtat	240
ttatatatgt	cacttgtaac	tgactgggat	acgttctgag	aaatacattc	tcaggtaatt	300

<210> 1354

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1354

acatggacaa	cagtggcagt	ctcaacgctc	aggtcattca	ccagctgggc	cccggctctca	60
ggtccaagat	ggccatccag	acccagcagt	cgaagtgtgt	gaactggcag	gtggacgggg	120
agtatcgggg	ctctgacttc	acagcagccg	tcaccctggg	gaaccagac	gtcctcgtgg	180
gttcaggaat	cctcgtagcc	cactacctcc	agagcatcac	gccttgcttg	gccctgggtg	240
gagagctggg	ctaccaccgg	cggcctggag	aggagggcac	tgtcatgtct	ctagctggga	300

<210> 1355

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1355

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gattccgagt gtttactaag cctggttgacc ctgatgaggt tcctgattat gtcactgtaa      60
taaagcaacc aatggacctt tcatctgtaa tcagtaaaat tgatctacac aagtatctga      120
ctgtgaaaga ctatttgaga gatattgatc taatctgtag taatgcctta gaatacaatc      180
cagatagaga tcctggagat cgtcttatta ggcatagagc ctgtgcttta agagatactg      240
cctatgccat aattaaagaa gaacttgatg aagactttga gcagctctgt gaagaaattc      300

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<210> 1356
<211> 300
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

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<400> 1356
ggcatctgga ctaatagtga acgagtggaa tagtgtgaaa ctgcatgcta cagctatgaa      60
tacacgtatt caggaaagac cccaatgatg cntganaact tctactttgg ctncctaang      120
ntgaatncaa ttcacatctc tnagaggntc accgtaaaca gntttggann ctacccttna      180
tntggacana ttgantttctc ctgaggtgga tcttgatatng ctctagaaac tangcatcnt      240
caccatgtgc tgaataanag tgnntcggt gtaatngccg cgcacgtatg nnnacatttg      300

```

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<210> 1357
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1357
ccataagtga cttgcaaagg gcctccccca taggaaggcc tcagcaaatt ttcagtgaac      60
tcaagttcat tgatttccaa tttgtgaaat aaactagagg gcctctctga actacctgcc      120
tcatgagaat gactgtgaag tgtagtcagt ttaaaacaaa cagacaaaaa caaagctaga      180
cagcattaca ggtttctcag aaagaaggaa ggttcaagtt cacattggta ctggtaccac      240
gttgccattg cctctctaga ctgttctctg caagctttct atttactgga ggctggaata      300

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<210> 1358
<211> 86
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(86)
<223> n = A,T,C or G

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<400> 1358
ccattgtgaa gggttatgcc cctgagagcg tgctggagcg caactgggtgc acagagaang      60
tggacgtgnc nggggacggg gggact                                           86

```

```

<210> 1359
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1359
ggctgtgttg tgtgtcttgt ttgatgtaaa gatagtttct gtaatagttt tgcagtttga      60

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ttgttcatct	ttaggtcttc	aattacaacc	tgcacatcca	tcccccttat	cctctttctt	120
actctgtttt	tctccatagc	acttatcatc	caataatatg	tcatgcactt	tatttatctg	180
ttttgcatat	atattttgtc	tgttacctgt	ttccttccac	tagaatgtaa	gtcccatgag	240
ggcagggact	tgcatctatt	ttgtttgtgg	ttgtatctct	aacacctggg	atagtcactg	300

<210> 1360

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1360

gctgcttcat	taaactcttc	ttgagtgagg	ggaatgagga	ttgtcctaata	cccttggcac	60
gaggtgttcc	tgggccttgg	ggagctgctt	ctgtccctgca	actgggcagt	ggttgccgac	120
atcctgctga	tctctagtgt	cctgcggggc	aggcgccctg	actcctatct	gcagcgcttc	180
cgcagcctgc	agcagagctt	cctgtgctgc	gcctttgtca	tgcacctggg	gggcggctgc	240
ttcctgctga	ctgcgctgta	cctggagaga	gacgagacct	gggcctggca	gcctgtcaca	300

<210> 1361

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1361

gttacaggga	tcttgccact	taaagattca	atctttttaga	ctggcaatga	ggattcagac	60
aactcaatct	ttgtgtaaat	acttggtaaa	gcaacaggac	acagaagagg	aatgctggaa	120
aaatctggtt	tatgaaaaca	gaaatcaaac	caagttacta	accaacctcc	ccgtcccttc	180
caggcacaca	aaaacatttg	cctttgtact	ctgccaatgc	ttgatttaata	tataatacac	240
actcaagtgg	ctgtaaaaaa	acccaacaga	acagaaacca	tttaacatct	gaatagtgat	300

<210> 1362

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1362

cagctatcac	aagtgttaat	gtattttatg	tgtagcccaa	gacagttctt	cttccagtgt	60
ggcccaggga	agccaaaaga	ttggacatcc	ctgtgttaga	ccatcatttg	tttgctatat	120
gatgtcatag	tggtagaatg	gtcacttaag	gtaaaatctg	aatagagaaa	tttggcagaa	180
atcataggaa	tttctgtttg	aaggcataat	gagggttaat	catttttcat	aatagatgtt	240
aagattaata	gtaatcatag	cccatattta	ttaagcactc	gccacacact	ggtttcgaga	300

<210> 1363

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1363

aatacacaca	acataataga	catggcaatt	aactgtttat	gttatcaggt	ttaaggcttc	60
tggtcaacag	taagctatga	gtagttaagt	ttctgggggg	acaaaaattt	ggttgtcaac	120
tgatgggggg	gcggtgttgg	cacccctaac	ccgtgcactg	ttgaaggggtc	aattgtactg	180
tatttatata	tgccagcagc	tctccaactg	tggtctgcag	atctcatgag	gtctcctttc	240
aggggacca	catgggcaaa	actatattca	tactactact	aaagccattt	gcattttcca	300

<210> 1364

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1364

gaaaagcaca	ccccaagttc	gtacagatcc	cgtaccccat	tcttatcagg	tggaagttct	60
gggggctgag	aagtccaaga	tcaagggtgt	gccaatttgg	ttcctgggtga	atgagcaaac	120
agcacagaaa	aagaaacagc	agtatatgtg	gaagaaagca	agaaaaatca	actggcctgg	180
aacctaagac	ttgtccaaag	atgtcacaga	gagtaaaatg	agaaaaatcc	agtagcccgt	240
gcccagagca	gttcctcgta	cccagcagaa	gggaacgatg	ctcttcccaa	ggaaggcaga	300

<210> 1365

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1365

ctcatcacac	tggtgtatatac	ttcgtagcta	ttacttcttt	aatccccaag	gacttggttta	60
acaaagtatt	cttcagtttc	tacttcctag	ttcctttgtg	gaactggtaa	aaatttaaaa	120
tatcttaaca	taatatttta	tttcaaata	ttaaagctaa	ggtaaaatgt	ggtttttctt	180
ggacaactta	tggtagaatg	atgtctagaa	tatttagtta	tgatatttaa	tacttttttt	240
ctttacaatt	taaaaaaaaa	tttattttat	tttagattca	gggggtacac	gtgcagggtt	300

<210> 1366

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1366

tagttttaaa	tttagcaatt	tgatattgat	acagatgaaa	cacctagata	tatcactttt	60
tattgagagt	tggtgatcaa	attgtacatt	agctagaaag	aaggaaggaa	aactgatgaa	120
aattttacag	tataaagtgt	atgggtaagg	tacacaaatc	ttttttttct	cttttttttg	180
ggaccactgt	cagaaacaaa	attttgttca	tcacattatt	ctaatagaac	gtctcacaca	240
gcatgcagtg	agctattgaa	gtttattgtc	ctaggaggta	ttaacgaaac	gaatgaactt	300

<210> 1367

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1367

gctgggctag	cagaaaaacct	caggcatctg	tgaggacatg	agtttacaca	cgctgagact	60
cacttatata	aaaatgcaac	ccaattccac	ccctgaattg	aggggagtg	atagaagtga	120
atgtcccgtc	tttctgaggt	ctgttgattt	tgtaattagt	aaacgaagg	tgcatctctg	180
attttttttt	cttgtgtgct	agaattcatt	gctagtaaaa	ctcaagataa	tagcgatgag	240
taggaggtat	caaagatgaa	ctgtatagg	acagtttaag	ttacttaaga	atcgtcagca	300

<210> 1368

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1368

tctgggacca	ataatgtttt	aaaaatatat	tcatttgaga	ttcagaaaac	ttgcacatca	60
tttgctactc	ctatcatctt	aacagtgaag	aaaactgagg	cctagagaca	ttaagggggt	120
tgaggtcca	gagacatgtc	tcaagaaagc	attgctgtta	aaatgtgcag	ttcgtgggtt	180
ttcagtcctt	ctcttaagaa	accaagtcaa	tcttcccttc	aggaaaaaga	aaagaagtag	240
caataagcaa	tttgtaata	tcactacttc	ttatcaaggt	aaaaaatgcc	tcataatcag	300

<210> 1369

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1369

agcagattca	gtgtcgatga	gagcctgctt	cctgcttcat	agatgataga	agtgcaaagc	60
cagctgtctg	ggcctttttt	atgatactga	tcccattcat	gaatgctctg	ccctcatgat	120
catttcaatt	cccaaaggcc	ccacctccta	atattatcac	agtgataatt	gggttttcaa	180
cacatgaatt	tgagagaaac	acattcagtt	cctagcatta	gcttgcttat	atttatttca	240
tctcattctc	tctcatagct	tttatttttg	tttcccctgt	ccaatttatt	atagtttttt	300

<210> 1370

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1370

gttatgagtg	gtcattgtga	aaatttggag	gaatacaaaa	agtagaagaa	aataacagtt	60
ctataacta	gagttaacct	ttattaaactg	ttttgtcata	tgacatcaaa	atgttatatt	120
attacctgtt	aaatttagta	tagtatagta	tactaaaaca	gtatgtttac	aaaattgaac	180
tcactgtgca	gatattacag	gttttatttca	tgtaacacta	tagagtgtct	attgtcacat	240
gtcattcaag	ttcttctaga	gtgtgatttt	ctcaggcaca	tattgcacag	atgctctata	300

<210> 1371

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1371

accaaactg	gagtaaagt	gttgaaaaaa	aagaaagtat	aaaggggctt	attaaagtgg	60
ttaataaata	tgatttaggt	tggtttttga	tatgtttttc	ttccaactgt	tatataagaa	120
actactaatg	taaaatagta	ggctatatgt	tgggatgtgt	atagctatgt	cttcaagact	180
aatactcaga	gaatcaaatt	gtagattgta	cctatctgtg	agcctatttc	tttagccagt	240
tttctgtcta	ctgccaagaa	acagaattct	ctgcctcatg	caaatgccct	ttcgtgttta	300

<210> 1372

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1372

aaaaactgg	agagagggg	aaagggtacag	tgattaagcc	acctgtggaa	gagtacgagg	60
aaatgaaaag	ttcatattgc	tctgttattg	agaatatgaa	taaggagaaa	gcatttttgt	120
ttgagaaata	ccaagaagcc	caagaagaaa	tcatgaaatt	aaaagacaca	ctaaaaagtc	180
agatgacaca	ggaagccagt	gatgaagctg	aggacatgaa	agaagccatg	aataggatga	240
tagatgaact	caataaacag	gtgagcgcagc	tgtcacagct	gtacaaagaa	gcccaggctg	300

<210> 1373

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1373

ggaaaaactg	gtagagaggg	agaaagggtac	agtgattaag	ccacctgtgg	aagagtacga	60
ggaaatgaaa	agttcatatt	gctctgttat	tgagaatatg	aataaggaga	aagcattttt	120

gtttgagaaa	taccaagaag	cccaagaaga	aatcatgaaa	ttaaaagaca	cactaaaaag	180
tcagatgaca	caggaagcca	gtgatgaagc	tgaggacatg	aaagaagcca	tgaataggat	240
gatagatgaa	ctcaataaac	aggtgagcga	gctgtcacag	ctgtacaaag	aagcccaggc	300

<210> 1374

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1374

gcgggaccct	gcctctacta	aaaaattaaa	aatagctatg	catggtagca	catgcctata	60
gtcctagcta	ctgaggaggc	tgaggtggga	ggatcacttg	agctcaagaa	ttcaaggctg	120
cagtgaagcta	tgatggcact	actgcacttt	agcctgggtg	acagagtggg	accctatctc	180
acaataaagt	aaaataagaa	ttaacacact	cataataact	atttagttaa	taggaaactc	240
tgtttaagcg	atattgctta	tatttctctc	tcatgctttt	gtaggtctgg	actcatcctc	300

<210> 1375

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1375

gaaagataga	aaatcaccca	ggggcctgta	ggctggagct	tctgtagacg	cacagtggac	60
actgccgaga	aacaggcctc	atttctccca	tgttcccgtc	cccgctcccg	gtttcctgca	120
tgactgcttt	ggtgccccct	gactccagaa	tcaacaccac	accagctctg	ccttttagact	180
ctgccagag	gctctgggct	ggatactgta	tttgggtgca	ccctctgggg	catttttgca	240
agttttcagg	cagatgggtg	ggggagcagt	gaaggaagga	ggaaaaaaga	caaagcacia	300

<210> 1376

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1376

caagcagggtg	gcctgcaga	gccagttcaa	tacctacagg	ctcacccctgc	aggacacaga	60
ggatgccttc	agccaggacc	agctggaaca	aatgatactc	acggaggagt	tgaggccat	120
ccgccaagcc	atccaggggc	agctggagct	caggaggaag	acggatgctg	ccatccggga	180
gaagctgcag	gagcacatga	cctccaacaa	gaccaccaa	tacttcaacc	agctcatcct	240
gaggctgcag	aaggagaaga	ccaacatgat	gacacatctt	tccaaaatca	acggtgacat	300

<210> 1377

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1377

agaggaggag	gaagaggagg	aaaatgggga	ttctgtagtc	cagaataata	acacttccca	60
gatgtotcat	aagaagggtg	ccccaggcaa	tcttagaacc	ggacaacagg	tggaacaaa	120
gtcacagcca	cactccctgg	ccacagagac	cagaaaccca	ggaggacagg	aatgaacag	180
aacggagctg	aacaagttca	gccacgtgga	ttctccaaat	tcggaatgca	agggtgagga	240
cgcgaccgat	gaccagtttg	aaagccccaa	gaaaaagttt	aaattcaaat	tccctaagaa	300

<210> 1378

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1378

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aggtatacta	ccatgtgctg	gggctgggcg	agcctctggc	cctgaagtct	ccccgggctc	120
tcagactctt	ctcccacctg	cgccacccag	tgtgtgtgga	gctgctgaca	gtgctgtggg	180
tggtgcctac	cctgggcacg	gaccgtctcc	tccttgcttt	cctccttacc	ctctacctgg	240
gcctggctca	cgggcttgat	cagcaaagac	ctccgctacc	tcggggccca	gctacaaaga	300

<210> 1379

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1379

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taatcaagct	ccagtacagc	ttgtgtcaag	acctagtaag	accaccttta	atgtgttcct	120
ggatatgaca	ttaaaaaacta	acttgaaaat	tgtaggata	tttccttggt	ccctactttt	180
attgtaaaat	ctactacatt	cttaagaatt	aaaaaacgcc	atttcagaag	agatgatagt	240
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<210> 1380

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1380

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atcaaccaca	actagcagtg	catgttatag	tgtaacaga	aaattccaca	ggaccctctt	120
cacactaggg	aaggggacca	tctgctactt	tcatattagg	atgtcaggat	ttagagggtca	180
atgtgtttcc	tcataaggc	tgaaggcttt	gggaatccgg	ggaagtgtca	ggctccaagc	240
agcacagcct	gctcaaactt	catatttaag	cactggacaa	gacactgttt	ccaatcctac	300

<210> 1381

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1381

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ggatggctct	gatctcctga	tcttgcgatc	caccgcctt	ggcctcccag	agtgtctggga	120
ttacaggcat	gagccaccac	acctggccac	agaagggatc	atttctaaat	agcatagaat	180
cacagggagt	acacctcatg	tgacttcacg	tttagagtca	gcatttgctc	ataatgaatt	240
acatatcagt	aatgaacat	gacatgcttc	aacttcaata	atattaaaca	aaactctttc	300

<210> 1382

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1382

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aaggttttca	gattatctac	atccaggctc	gcccccaacc	ctgtcctcag	gaatcactga	120
atgcagccat	gacactgaaa	tttggttttc	attcattatt	ttttcattct	tacaataaac	180
gtgggtttat	aagttagtta	aaaagtcttt	ttcaggatgc	cgtagttaac	aagagtcctt	240
tttgagcatt	tccttagtaa	acgatgaatg	gctgctgggc	aagcttggtc	tggcaagtct	300

<210> 1383

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1383
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 tgcattgagat gaaatacatt tagcacttgg taagcactct ataaatatgg caatatgata 120
 gtccctgact catcttcctc tctgttgccc tttaaacagg tgagcaccta gccttggttg 180
 ttttatgtgc tcaacagcag ttgactcccc tggctcctct caccatgct actgcgtagt 240
 caagccctcc atagtctcct ctctgggtctc tgtttcccat ctgcctttgc ctttccctct 300

<210> 1384
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1384
 gtctttctag atattttggaa gtgcttgatg tattttaaag tggtagtaga ataacaottt 60
 gtaaatagct tttaaaaact gatgggaaat gctgttttga agtggaattg ttgaaccacc 120
 tgggaggttg gaggaagaa attgcaaatt gtgttttgcc attgtttatt agaaaatttc 180
 agcttaatcc attgtgtata tgttacatgc atttcattta actttgctat actgtatata 240
 ttgtatatat aacggacaaa ttagtcccgga ttttataata tctagtctct agatattaaa 300

<210> 1385
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 1385
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 accatggaag ctgatggtat aactcagtct gaggatgaag gcttcagAAC ctgggggact 120
 acaggtgcaa gntctggana ccttttgctg gaataacctt gntttttttg tncctntttn 180
 nanntttncn nttttcnntt tncttnagna nttntntnnn tgtttttntn nttntntnnt 240
 tnntgnnttt ttnnagctct nntttnttan tttntnttn tnntntntan cttttttatg 300

<210> 1386
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1386
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 gttcacgtta ctattgttaa gtgtttctaa actggaaatt actccagaca atactatgag 120
 cacacctgtc tgtggctttt gatgagcatc tgaatgcagg ccaaacttgg cctgccaAAC 180
 agtttctgcc gttgtttgta ccagttcaca ctccctgcc aacagtttct gcaatgtttg 240
 taccggttca cactcccacg gcagcacatg aaagctttat ttgctccata tcctctcaaa 300

<210> 1387
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1387

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ggaacaagga	caatgtcgcc	cgcgtgcggc	gtgacgaggc	ccaggcccgg	gaggaggaga	120
aggagcgtga	gcgagggtg	ctgctggctc	agcaagaggc	ccgtacagaa	ttcctacgga	180
agaaagccag	acatcagaac	tactgcctg	agcttgaagc	agcagaggcg	ggagccccag	240
gttctggccc	tgtggacctg	tttcgggagc	tgctggagga	agggaaagga	gtgatcagag	300

<210> 1388

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1388

gccaaatgcc	ggaattcaaa	acctggcaag	aaaaagaatg	atattgaaca	aggcgaatta	60
tatttgagag	aaaagtgtga	aaattcaatt	gaatccctaa	gattatttaa	aaatgaccc	120
ttgttcttca	aacctggtag	tcagtgtttg	tattcaactt	ttggctatac	cctactggca	180
gccatagtag	agagagcttc	aggatgtaaa	tatttgact	atatgcagaa	aatattccat	240
gacttgata	tgctgacgac	tgtgcaggaa	gaaaacgagc	cagtgattta	caatagagca	300

<210> 1389

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1389

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tgtgtaaaac	atgtccatta	acatgtgctt	aatctgttct	gtgaaagtat	tttcagaaat	120
gataaaaagt	aatgatgggt	acatctgaat	ataagttaga	tcatgacact	cactcctttt	180
ttcagaaact	accagtggca	tcacatctta	ctcagagtaa	aaaccacagt	gggcttactg	240
tgggctgcaa	ggcctcgtag	gatttgcccc	ccatgacttt	ctgacttcat	ctcttgtcac	300

<210> 1390

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1390

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gaaatggctt	tatggaatca	atttgcaaaa	atgtaagagg	tggcaaagga	aagaataaaa	120
taatattttc	attttcttct	gttattctta	gatcctttgg	tagattgtaa	actccatgaa	180
agcaggatac	cttctttttg	cctaaggctt	ggcccaaaaag	agataccaaa	aaaatacttg	240
cttatatact	aacctagtct	ctgggtgtgg	gagccataga	gggttcaggg	tgggggtggtg	300

<210> 1391

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1391

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aaatgataag	tcatatatgg	cgggtgagtt	tttcttccaa	agactgggtc	acactagagg	120
gtgcagcctc	cacagacact	gggaattgct	cctgacctat	ggaaaacaac	tttctttcca	180
agaaaattat	ttttagtctt	ttgggtgtaa	gacacagtc	tgagttgttt	tacttactg	240
aattctataa	ctaggaatga	aacactatac	tcttgctaaa	aatgaccttt	tttctttcag	300

<210> 1392

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1392
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 tatccttgag taatctatct ttataaaggt attgatgtaa ctattttata aatgaaaaac 120
 tacacactaa aaaccaaata tgtgatctcc agcatcacag aaatgaaata aggatttttt 180
 tttaacttag gtaatattgc ttgaactgta gtaattcaaa tgtagcaatt tcaaaggtag 240
 aatttcccat gtattactat actgcttcac atcagctcta ttaataaaaag tagaacagtt 300

<210> 1393
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1393
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 aattgagagg agaaaggcat tttcagtttc tttagttaat aaaaagaagc catttctgga 120
 ggagttttat gcctgtacca gcagagggtc agctttccag gaatctcatc atgatccata 180
 ctgctgacac aggcctttgt cacctgaagc attcttaaaa taaggagact gacattaaac 240
 aggacaattg tgaactccac tttgtaagca tcatacatat cttacaactc attctgaaga 300

<210> 1394
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1394
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 caaaattagc caggcgtggt ggcacatgcc tgtaatccca gctactcagg aggctgagcc 120
 aggagaatcg cttgaacccg ggagacggag gttgcagtaa gccgagattg tgccattgca 180
 ctccagcctg ggcaacaaga gcaaaactct gtctcagaaa atatatatat atccctaaaa 240
 ctacctcagt tgaagaattc aaagtgc aaaataactttt ttaggatttt ttaatctatt 300

<210> 1395
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1395
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 ttcaccatgt tgaccaagat ggtctcgaac tcctgacctc aggtgatcca cccacctcag 120
 cctcccaaag tgctgggatt acaggcgtga gccactgtgc ccggccccag ttaggctttt 180
 gcaattacct agatcagaga taatgatagc tgtgactagg aggacagtgg ggaagtgaca 240
 gagatggaac aaagcctaag ggcctgtgag aggaagaccc aggagtgaat ctcaggtttc 300

<210> 1396
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1396
 gacaaacagt ggcaaaacaa cactggctaa gaatttgcag aaacacctcc caaattgcag 60
 tgtcatatct caggatgatt tcttcaagcc agagtctgag atagagacag ataaaaatgg 120
 atttttgcag tacgatgtgc ttgaagcact taacatggaa aaaatgatgt cagccatttc 180

ctgctggatg	gaaagcgc	gacactctgt	ggtatcaaca	gaccaggaaa	gtgctgagga	240
aattcccatt	ttaatcatcg	aagggttttct	tctttttaat	tataagcccc	tttgacacta	300

<210> 1397

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1397

ccggccgctg	gggactgggc	cctgctcgca	tgccgccccg	ccctcccccc	acctccacga	60
ctattttattg	agcgccctgtt	gtgtgtcacg	gggctatgag	ggccgtgggg	tggttgagg	120
gattatccac	acaggtcccc	gccccctgcc	gggctggagt	tgccacagcc	tgtgtcctg	180
gtcctcacct	ggagggggcca	gcaggctgcc	gtcccaccac	acgtggcctc	tgcgcccagc	240
acggtgctct	ccgacagtgg	tgtctgaacc	cttggggagc	agggcctggg	ccgcgggtgag	300

<210> 1398

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1398

ggaggaaaaa	cagtgtcttg	cacacagcaa	gcactcaata	tttttgccg	ttgaacttta	60
tctgaacctc	ccttagagca	tctattgtag	cctgcttggt	attctatttt	ctcatagggg	120
cctcagtgtc	tgtagcccc	aaagcagggg	cacagactct	gtagttatt	gatactgctt	180
gttcgtactg	aagagtatca	aaaggtgggg	agaacattga	aaaccaaagc	atcctgagta	240
cattcagttt	gctgttttcc	aagacagaca	ttccagatat	atagaagcca	aagtcctgtc	300

<210> 1399

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1399

gtgtgagttg	catataacat	atataaaaagc	tgtaacctgg	gaaaaagtta	ttatctggaa	60
gcttttagaaa	ttaatgttat	tctttcttaa	gtatcatcag	gaaattaatc	aaaatggcca	120
ccttgatacc	aaaaataagg	ttttggggca	taacatcctt	atgaattcaa	atgttagtca	180
tttcacatat	cttccacttt	atttcattaa	gtccttccta	gtagacactg	ttcaaacatt	240
attcaccatt	tactaatgct	gttacaacat	tatttttagaa	gatggatatg	gatagctgtt	300

<210> 1400

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1400

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caagcgcttc	cttgccgaga	ggctggagct	gcggcacccg	aggcctgagc	caccccttct	120
ctgctgtctc	cttctcttcc	tcagggtccc	cgtgtctgct	cgccctccga	cgctgtcag	180
actatggaaa	tgatgttaga	caaaaagcaa	attcaagtga	ttttcttatt	caagttcaaa	240
atgggtcata	aagcagcaga	gacaactcgc	agcatcaaca	atgcatttgg	cccagaaatt	300

<210> 1401

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1401
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 gaatcaaggt gaatcaatct gaaattgagc acacctgcct gccatcgctg ttccttcaac 120
 tgagtgtctg acatcatggg ctctgtctgt gagagaaaaa tcccgggtgt tggtgtcctt 180
 gcatgacatg gagttttgca tgtagatcaa tttaaaatgt acctcttggt tacataattt 240
 gcataatttt aaaagataat gttgccaaac tttggaaatg ttaatgttca gactgaaaat 300

<210> 1402
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1402
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 attttatatg accttcattc agaagtgcag actctaaagg atgatgttaa tattcttctt 120
 gataaagcaa gattggaaaa tcaagaaggc attgatttca taaaggcaac aaaagtacta 180
 atggaaaaaa attcaatgga tattatgaaa ataagagagt atttccagaa gtatggatat 240
 agtccacgtg tcaagaaaaa ttcagtacac gagcaagaag ccattaactc tgaccagag 300

<210> 1403
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 1403
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 aagtattatc tgatagaata caagatgatt caaaattata tagatattta aagcttttct 120
 gctgtttttt ttttttaatt gcaacngctt ttntgccng cctntnttcc ctacccaaaa 180
 gngatgagtt ctgancaaga caanactgtc atattgtaaa nactttggta tngnatncca 240
 tanaatactg atnggatagc catcctagtc acttaccaat actgactaaa agttaactct 300

<210> 1404
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 1404
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 catataatcc ttcttaaagt atactctttt aaaaatccat tgacataacc ttacttttag 120
 tttagtgatc cagaatttcc ccagagctta aagccactgc agtaaattag ggtacgtagg 180
 atattcagtc gctactagcc ccaaggagtc tccttattta atggacctcc ctcagtactt 240
 aattcctgca gagcgctca aagtggggga agagaaatga ancaantcnt gggctcaagt 300

<210> 1405
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 1405

ctcagtaacc	caattactag	taccttttga	agagaccagg	ctgggaattg	gtattaataa	60
taatagctga	catttaccag	gggctacca	catgccaagc	atcatgctaa	tcttgccagg	120
tccttctgag	tcagtgtgaa	tggcaggagc	accacatgtt	cctttctctt	cagttcacac	180
acattgagtg	tcttcatgtg	taagtaacaa	cagagactga	gggcatatgt	attgtgtaaa	240
aaaaaatatt	gttactggga	aaatagccat	tactgggaaa	tagctttgtt	acagaaagtc	300

<210> 1406

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1406

gtcatgatca	actcagtata	ggttttctta	aaaaatTTTT	tcttaaaatg	ttttttaaac	60
ttcaaataag	tttggttggg	gctacagatt	taaatcgact	tgtttgtgag	gataatagaa	120
ttctttttgc	tatgaactta	tcagtcagcc	cagcgtctgt	gagacgggtg	ctgcttgcat	180
gggtgcagtc	agagtgtatt	ttgcaaactg	ctagcactgc	ctttatgtag	gacgcgtgct	240
tcgtttttatt	gggtctaaaat	ttcccatgtc	ataacacttt	gatcatgcct	tagagaagtc	300

<210> 1407

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1407

ggacaaaacca	tctccagagc	cttaategca	tctgtaaagt	ccctttttacc	atgtaaatta	60
atattcatag	tttctgaaga	tcaggatctg	gattttctttt	ggggcaatta	ttcagctaac	120
cacatattat	aatgaggaag	cacttcttgg	gaggcatcat	aatgcttggt	ttttcttttc	180
ctaaatagag	tatcactttt	acccaaattg	aataactcgc	tgggttattt	tactgagctc	240
ttgatgctca	tttcttttgg	cttctctgtg	atgaattaat	gtttctatat	ggacatcatg	300

<210> 1408

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1408

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ccaccgcct	cggcctccca	aagtgctggg	attacaggcg	tgagccaccg	cgcccgcccg	120
aaagccaact	cttatgccta	gaaatatgtg	cacctatgac	caagcccatg	aattatacag	180
gaattatgta	attatgagtg	atgtacttca	aagttattgc	acatacactt	gtttactttg	240
tatgtttgca	ggattaaaact	ttgtataatc	tttttacaaa	atTTTTTTTT	cagtatgcaa	300

<210> 1409

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1409

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ggagcacacc	ctagtaacct	cttgagatta	aattacatag	tcttaatat	tctgttcctc	120
catgcaactg	atgtttgttt	tttaaagggt	aagatgctgc	ctcccaatgg	gtgatgccat	180
ctgactgggt	tcccatgtc	ctccatttca	cccatctctg	ctccaccct	tgctgctc	240
taaccacca	ctggccagcc	cccttgccct	actctgggct	gctgaacact	gggtgctgtg	300

<210> 1410
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1410
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 gggatctcag tggaagaagt tatagaagtg acgacacaga atgcattaaa actgtttcct 120
 aagctccgac acttgctcca gaaatagctt caaaaccatc cattacaaaa tcgaatcaac 180
 tgcagggggc agcatttgaa aaatagaaat gttctgatga agaactctgaa ctgaagaagc 240
 tgttttatag gggttatagaa gattgtaatt gtagagaaat atttctctta gaaataaaac 300

<210> 1411
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1411
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 attaattaat tttcagcggt tggtatatca gaatggacat tatagcaatt tccatggctg 120
 tgtcgtcctt ggcagatttt aaagttcttc cagcctgatt cctctctctg tttgggtctc 180
 tggcatggtg cctgctggag agtagatact tgataattat ctattggggt ctcaggggat 240
 ctctcaaagg tggatttcag gcaccacaaa ggcaactccc atcacaagaa agaatggtgg 300

<210> 1412
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1412
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 tactgatcac ctaatatgta ccacaaaaaa atgttctaga tacttacaac acattagtaa 120
 acaaaatcgt aatccctgcc tccatggggc ttactttcta gtgtaaggag acagacaaca 180
 aacaaaaagc ctcatataca gggatattat aatatgggtat gttaaaagggt gataagtga 240
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<210> 1413
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1413
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 acgccactgc actccagcct gggagacaga gtgagactcc gtctcagaaa aaaaaaaca 120
 ctaaaatatg ggtattatgc ccaatccaaa tttcaaaaac gtgattctaa gtgaaagaag 180
 gcagatgcca cagaccagggt attttctagt accatttttag gaaatgtcca aaaatggcag 240
 atcttcagaa acaaagtaac tgcaaagtgt acaagggaatc tttttagggt gacgaaaatg 300

<210> 1414
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1414
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 gtcttctttt tcattgaaaa agatattggt taggtcctac aatggcttag gtatgggttg 120

agactctggg	gttacaaagc	aaagaaaacc	tggcctctgc	cctgctcaga	gaacagcagg	180
gatacagcat	gttagcaa	aagtatatag	tgtggaaagg	tctgtagtca	atagcagtca	240
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<210> 1415
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1415						
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cctcctcagc	ctcccaaat	gctgggatta	caggtgtgag	ccaccacacc	tggcctctac	120
tttcttatat	tctcttaa	agatttcctt	tctttttgga	ttaagaaaaa	ataaacagaa	180
aattaaaatt	tgaacatatt	ataaaaatga	aagataattg	taaaatcttg	gtttggagag	240
tgtctctctg	agcccagaaa	tcatccagaa	aatgggacag	atttgactgc	atcacattta	300

<210> 1416
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1416						
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cagtgaagta	tgattgcacc	actgcaatcc	agcctggaca	acacagtgag	accctgcctc	120
acaaaaatta	tattctgatt	ttctgagtc	atgaacacat	tgtccaaatg	gatttttcta	180
gtcctctcaa	gttacagata	gttccacgca	cacacagaac	tcaccactct	caaataatctt	240
ccccactagt	attactatta	aatttttcaa	acatgcaaaa	gatgaaagaa	ttgctcagtg	300

<210> 1417
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1417						
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ttgggattac	aggcgtgact	caccatgccc	agccacttag	ttttttctta	ttcccacctt	120
tctatcccat	ataacactct	tttttatctt	ccctgaacca	tattgatgat	ataaataggg	180
ctgggggctg	ggccccgctg	gtcactcaac	agagtatttc	ccttggccga	catggaagtt	240
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<210> 1418
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1418						
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gatcattttt	tttaactaaa	tgatttacia	tagtgagaaa	gttgaccttg	agttacatgt	120
tgaagaata	gtatgtaagc	tggcaacaga	aattgaaatt	gagacagatt	tcagcaccac	180
tgttggtaac	aggctcttat	tccagaggaa	acatgtcagt	tttttattag	tgagtaaagg	240
atttctgcga	agctttaaga	atatctcatg	ttgagtattg	acatgtattt	tgaatgatga	300

<210> 1419
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1419

tttgtaggca atggaaagcc accagtgggt ttagttgagc agcaatgaaa ttaagcctgt	60
gctttgcaaa gattaatcta gcagcaacag attggaagca acaccacat tctggtatc	120
agtccaggta aaatatatta cagctcttta ctggagcaat aacagtaata ttagaaggag	180
aaataaaaaa gaaaaatatt gcacaggcag aatggggagg tcccagtgat ggagctgatc	240
ttggttcatt gaggcagggg tggcattaat catgtaaaac acaggaggag gaactggggt	300

<210> 1420

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1420

ggttgccaga tataactgct ttggagcaaa tctcttctgt ttagagagat agaagttatg	60
acatatgtaa tacacatctg tgtacacaga aaccggcacc tgccagacag agctggttct	120
aagatttaaat acagtgtttt ttttcctctt tgaaatattt tactttaata ccagtgcctt	180
ttcttgttga acttcttggg aaagccacca attctagatc ttgatttgaa ttaatacaca	240
caatatctga gacacttaca cttttcaaaa gatttgtgta tgcattgcct aattagagta	300

<210> 1421

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1421

ctaatatcca gaatctacaa tgaactcaaa caaatttaca agaaaaaac aaacaacccc	60
atcaaaaagt gggcgaagga cacgaacaga cacttctcaa aagaagacat ttatgcagcc	120
aaaaaacaca tgaaaaaatg ctcatcatca ctggccatca gagaaatgca aatcaaaacc	180
acaatgagat accatctcac accagttaga atggcaatca tagagctttt catttatctg	240
agtgttttcc tctgcttgtc gggacttgtg ctttcacgag ctctgtctct catatcaggg	300

<210> 1422

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1422

cttgcaaagt atataatata taagaggaaa ggtttggaaa taagctactg cattggtctt	60
aagctagtcc ggcattgtgaa gaaacaagaa tttgcccaga agaggactgt ggagaaacct	120
ctgaggcctc cttccagagt aaggccaatg cagtagctta tttccaagcc ttgcaaagta	180
tataatatct aagaggaaaag gttttgtcat ccagcgttg tccactttgt ggggctttgt	240
aggtagacgg agccacacta caggcagggg atgagcagag ggatgtatgg agtgtgggtg	300

<210> 1423

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1423

ctgacatgac taccttaggg atagagctaa gggataataa cttgcactaa atacatttaa	60
atacttgatt gcatgagtca gtttattgta gtttttgatt tctgtaaaat aagagaaact	120
tttgatttta ttattgagta agtgaatgaa gctattttta aataacgta gaagaaagcc	180
aagctgctgc tgttacctgc agaactaaca aaccctgtta ctttgtacag atatgtaaat	240
attttgagaa aaagtacagt ataaaaatag ttattgacca catgctacca ggctctgcag	300

<210> 1424

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1424

tgtattcaga	agaaagcaag	gatagaatga	gtataactct	ttaaaatttg	gaggcaaaat	60
tggtctgtgag	ttgccatgga	gataggagca	atggatgtcc	aaggtctgag	gaaatagaaa	120
ctgttcgaaa	taattgcaga	gaaagcttgc	caacgggtgat	aagtaggttt	gtctagcagc	180
actgatgcgt	cgtggaagtt	gatggtcattg	aacatacagt	gtgataacct	atctgccttc	240
ttgacctttt	ctagtagtgc	tatgtcattt	tggtactaag	gtaggtgaat	ttccaagtgc	300

<210> 1425
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1425

ctgggggtcc	tgcagtgcc	gccttcttag	ctcagggcct	ttgcataggc	tgttcctctg	60
cctgggtgct	tttctgcta	cttcccgtgg	ctgcatttgc	ttaacttact	cttctgattt	120
cagtctcaat	gctgcttct	taggggttaag	ccttctctga	ccctacattc	tgtagagata	180
ccccattct	gccattctct	cttttgtggc	ctgggtttca	cttgtaacta	agtcattatc	240
cctgtatttg	gtttgcttag	tacatgtctg	tcctcaagca	ggggctggct	tcaggctgct	300

<210> 1426
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1426

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atgaaattga	gacacggcaa	agatcaattc	aagagccact	ccggggagaa	tggcgggtcta	120
aagataaagc	caagactgtg	ccttttaaagc	ctgctgttaa	gacctgagaa	ggtagtgcct	180
tagcatcctc	ttcagtcaca	ctcaaggcct	ctccgtcaaa	caatagggtc	tctagccttt	240
ttagcaggag	cccaaggtag	aggtagaaga	gttcctcttg	gagagatcta	tgggtatagc	300

<210> 1427
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1427

cttacctcct	agaacattac	ctcctagaac	actgtgtgcc	ctgcagagcc	atcgaccttt	60
attataggcc	acgtgccctc	ggaaacttgg	gacagtactg	atgcgttctg	ttgagtgcgt	120
ttggcatgtg	ggaattgtga	tggtgcacag	tgtcttggcc	ttcactgggt	tttgtaggca	180
cactaagggt	tccatttcat	tcttcttcag	ttgccctggc	ccagcctggg	tctctgggta	240
gagcacctgc	aggggcagtg	gacggcctgg	gtcaggggtc	ggtcagcacc	tgagaccagc	300

<210> 1428
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1428

agaagctcca	ctggcacttt	tgtattcaca	actaccgggt	gcgataaggc	agtgaggggtt	60
attatgatac	cccttttcac	aggtaaggaa	acaaggctca	gagaggttca	acaacagagt	120
cataattcct	cttggttgag	aattcatttt	gttacatttc	attcccacca	tctgcagtaa	180

gggagaccca	ttaaaatata	gtatcctgat	ttttaagag	aaggtaacat	taaggccagg	240
aggtttggga	tttgcccaag	ttcactgtgg	gcttctggac	tcccatgccc	aacagcctcc	300

<210> 1429
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1429						
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ggtgacagag	caagactcca	tctcaagaaa	aaaataaata	aataataatt	tgtgtatgtg	120
atgactgact	ctagtcatta	tggaaaataa	cttttggcag	tttagttcct	acttggttaac	180
aattcctctt	tttaagagag	gtactacatt	tgattttctca	atctctcagt	ttgttttcaa	240
tacaaaacgc	aaccttgaa	atgcagaaaa	tggtaatcaa	gtgtgatgtt	tctataaaaa	300

<210> 1430
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1430						
cccacccctt	ctctttttcca	ttgaacaaac	atctattgaa	catcctctga	gcacctggcc	60
gtgggaatgc	cgtggtgaat	gagagactag	acgtgatgcc	tctggggggt	gtgcgttggg	120
gatgcatgcy	acagcccatg	acccgaggca	ttctcagggt	atctgtgctg	tgtgcccgtg	180
agaacatctt	cccatgacca	ctcctgcccct	cctgccccgt	gctggatctt	ccctccccag	240
ctgggatctg	ctcccaggca	actgtgtgaa	ttttacatta	tttgagcct	catctgtgtc	300

<210> 1431
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1431						
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tggttttcac	tagggttttc	tgaaaaccag	cagaaacagg	gggcctgaag	gttggttagag	120
taatgagctt	gcagccaaca	tatttttagct	ctatcaaaaa	atgcctgtta	gtgctcacgg	180
gcatgtactg	cgagagagat	cttgaatgca	tcactttggg	atcctaagaa	gtgtaatttt	240
tttccctcgt	catactgggc	tgtgttttaga	cctcgtataa	tacataatga	atagaaacag	300

<210> 1432
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1432						
agtttccatt	tagtttgatt	ttaaaagctg	ccttttgaat	atctaatacc	aattataaaa	60
taaatatgtg	taagtaaaat	aaaatggtaa	cttgtttttt	ataagagggg	aagttgggtg	120
gtttttataaa	ttaaatgaac	atctatgcgg	tcggttatct	ttacgtaaaa	atagttgtta	180
tattctaggg	taacagaaat	ttagaaacct	atctttctgt	agaagaaagg	tggtgctatc	240
tgcttttgat	ttctcagata	tttgcttctc	cttagaatgc	tatgatcaga	tttttattag	300

<210> 1433
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1433

cagccttggt	gacagagcga	gaccctgtct	ctaaaaaata	aataaataaa	atattgtgag	60
tctctgatgg	ggagcagtat	tgcatgggtg	ttgagaactg	aggctctgat	gttagaactg	120
gattctgact	taaccctactg	tttgcccaca	tcttgagcct	tggtttccct	atctgtaaaa	180
tggcagtatt	ctcgggctgg	ctgaggaaaag	gaaatgaggc	caggcgcggt	ggctcaggcc	240
tgtaatccca	gcactttggc	aggctgaggc	atgtggatga	tttgaggcca	cgagtttgag	300

<210> 1434

<211> 139

<212> DNA

<213> Homo sapiens

<400> 1434

gtggagctca	cctatttggga	atatggggca	tttgtttttt	ccactgcaat	gatttcagtc	60
tggtttcatc	atgttggaat	tcgatcacac	cattttcaaa	caatgttaac	atagtcacgc	120
ttttgttccg	tttagggga					139

<210> 1435

<211> 239

<212> DNA

<213> Homo sapiens

<400> 1435

cacactccag	gctgagaaaag	agtaattagg	aggcctgagg	agggggccgag	gaaaggctgt	60
tgggggtgtgc	tgggggttgg	acccgagcgc	cttccccctca	cctcaaccag	agaagagcat	120
ccggttgctt	ttttaaagctt	ttagcctgcc	ctagcaagga	caaagcatgt	tagattagag	180
atgcttctgc	tgatcgcagg	ggttcttatt	tgaaaacatc	tatgatgggg	gaggtgtgg	239

<210> 1436

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1436

ccttgaggca	catcacagtt	tgaaggacct	gtttaagttg	aaatagactt	tgtttattta	60
ttgggattct	aaaaaattct	gagtgagttt	gcagtatgag	aggaaataag	atttcctcct	120
ccttcctctc	atcttatatt	gactgtttgc	cagaaactgt	tttcttctgt	tttcttatat	180
tttgtttttg	agatggagtc	tactctctc	accaggctg	gagtgagtg	gtgcaatctc	240
agctcactgc	aacctctgcc	tcctgggttc	aagtgattct	cctgcctcgg	cctcctgagt	300

<210> 1437

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 1437

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gggcaggaat	taatatctcc	atcttacaac	tgaaactgaa	aattagagga	cttcaatgaa	120
tgaaaaatct	gagtagctta	tcctaccaag	tggcagatta	gttcatgatt	ccttattaag	180
tgataggact	tgccaaacac	caggaatctg	gggaagaagt	gtactcaaag	aagtatgctt	240
ggaccaatct	gaaaaaagaa	aaanaattna	gttcaaactg	attgagtaac	nattcacagt	300

<210> 1438
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1438
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 atgtttttctg gagtcataaa ggaattcaat tcctaggggtt tttgtttttg tttttgagat 120
 gtaatattgc tctgttgccc aggctggagt gcagtggtat gatctcacct tactgcaacc 180
 accacttctt gggttcaagc gattctcctg cctcagcctc cccagtagct gggattacag 240
 gcaccagcca ccatgcctgg ctaatttttt tgtattttta gtggagatgt ggttttctcca 300

<210> 1439
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1439
 ggggcagtca ataataatag ggaggataga aacgtcagca tggcattcca gatgagaaaa 60
 ctgaagcaag ttaaactttc tacatggtaa ccgtgattat gtagttgata tacaagtat 120
 tgactgtggg ccttcaagaa gaggttaaaa tacattcatt atattaacga gtgcatctta 180
 caaagatttc tttcaaaaag tacttgaagt ttttttgctt taaggagtaa atctcaatca 240
 tctggaaatt taacttctgt ggaatacctc tttacatctt aaaggaaatg ttaatgcatt 300

<210> 1440
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1440
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 aacttctttt gaaaagcaat taacagttga taaagggta aataaaaatt atctagtaag 120
 gaatttctta ttggaatgta aacgtgggtc taatttttaa tagacagtga tataaagaat 180
 aaaaagtaaa cagtgaatt gagttctcca gggaaaaggc agacctgttt agtaaaaaaa 240
 ggatgctttt ttcagtgatg tctttttttg agtgcatatg tgtgtgactc ttgaagaaat 300

<210> 1441
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1441
 atccaatatt tattgagtgt ctattaggtg ccaagcacct taataggtcc tatggatttg 60
 aaatgccgtc cctgtcttag atctcacggg ctactggagg acacagagaa gtaagcaggc 120
 agttgcagta caatgtaaca ctgagtgtg tctgtgtatg atgctgagga gggagggttag 180
 cctgagccgg ggaagcggag cttgcaatga tcggagatcg cgccactgca ctctagcctg 240
 ggcaacagaa caagcccctg tcttaaaaac aaaacaaaat cttcagagca ggcttaaaaa 300

<210> 1442
 <211> 297
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(297)

<223> n = A,T,C or G

<400> 1442

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tagaactggt	taggagtgat	gatgtgtaaa	aagttgactt	ctcttttgca	tggcacagag	180
aaattatatt	ccttacttca	tgtcagttta	tgttctaaat	ctttttcact	gaatataaaa	240
atcttggtta	atgccattag	gcaccaactt	aaagagggtt	gtaaaaatat	taaaagt	297

<210> 1443

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1443

actgaactaa	tatcaatttt	aaataatatt	gctattcagc	ttcaaaagac	agagcctcca	60
gcatattatt	attattatag	taatctgatt	ctttagaatt	cagagaactc	acctcattag	120
tgtcccttg	ctctatctgg	ccctgtggga	aaataccctt	gcatctttct	atgggtatgg	180
tccactgtat	cccatcatga	ctttaacatt	tttgaagtat	tgggtctttta	aagtaagcaa	240
acaaattccc	ttgttacatc	aaattcaa	acagtaatgc	attacaggac	aaattaaagg	300

<210> 1444

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1444

gcctgtcgtc	ccagctactt	gggaggacaa	gtcatgagaa	tgcctgaac	ccaggaggca	60
gaggttacag	tgagctgaga	tcgcaccact	gcacttcagc	ctgggtgaca	gagcaagact	120
ccatctcaaa	aaataaataa	ataaaataaa	ataaaatata	aagtttgctc	cattgttgac	180
ccattgctgc	tgataaaagt	gtatactgga	atgcatgtaa	accatatatt	taaaatgtat	240
aggctgggca	cagtgggtca	cgctgtcat	cccagcattt	tgggagacca	aggcagggtg	300

<210> 1445

<211> 161

<212> DNA

<213> Homo sapiens

<400> 1445

gtgtgttctg	tgggagggtg	tctgtgggga	tgtgactatc	aggggtgggc	tgtgctgggg	60
atggggcagg	cctgggtctg	gagaggattt	tgtgtgaaag	taaatggggt	gtttgaggcg	120
tatgggtggc	tgttggtgtg	gggaggcatc	tgtgtatggc	t		161

<210> 1446

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1446

taaataagtt	gatattaatg	atataagcat	cacacaattt	tacattaaga	aatactgtgc	60
aggccatgcg	tgggtggctca	ggcctgtaat	ccagcactt	tgggaggccg	aggtgggcag	120
atcacccggag	gtcaggagtt	cgagaccagc	cttgccatac	atagtgaaac	cctgtctcta	180
ctaaaaatac	aaaaattagc	cgggcatggt	ggcaggcacc	tgtaatccca	gctactaggg	240
aggcttctga	accaggagg	cagaggatgc	agcgagctga	gatcgcgcca	ctgcactcca	300

<210> 1447

<211> 251
 <212> DNA
 <213> Homo sapiens

<400> 1447
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 gccccctccc atccatagtg catggtgtgt ggtgccccca gggctccagg acagatcagg 120
 cccaccttg tgtctacccc catccccgct gtgaacgtgc cactgaataa agtcggggaa 180
 acgagaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 240
 aaaaaaaaaa a 251

<210> 1448
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1448
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 caacttttta aaaaaattaa taacagtagt tttatgaaaa ctaagtaaga aaacagtttc 120
 cacctatttc tgaggtctcc tttagaagga gtaacagaca gcttttattt ctcttaaagt 180
 tataaaaatc acaatcgcaa gtcacaatga atactgggaa gggaaattac ttttgcagag 240
 tgatcaagta aatgatagcg ggggctaacc ttttttagta aacttgtgaa gattacatac 300

<210> 1449
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1449
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 gagctagatt tgaaggatga ggagtagcag actagtcaaa gaaagggaga gaagaacata 120
 cctaaacatc tgatcaccag tgactgagaa agttatcagg atcaagtgga aagagaaagg 180
 actagcagag ttacagggtta gagaaacagg taaaggctac tatggacggc ataatagttg 240
 catcccatgt tttgtctctt aagaacagtt gcaaactatt gaaggtttta aagctgtgtg 300

<210> 1450
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1450
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 caacgattac ctccacaggg tcccttccat tgcctcctg catcattttc ctccaacttg 120
 aataaatgtt ctaccacct ttctccttta ttttctctac cccctgtacc ccgctccctc 180
 tcacaattaa ctctacagca gaatgtgaat tctctgattt tagaataact attttatggg 240
 aacttcaaatt atctcctagt tgtatccaca ttcagcttgg gtaggtacct tcatagtagc 300

<210> 1451
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1451
 caaagacaag cctttatgga aaaggaaatg cgctcccctc catgttcagg gatgagggga 60
 gcagcagcag ccacactccc accatcctca cagaattcct ggacccatgc ggtgggtccg 120
 tgagctgggt gactccagcc tcacctgcac accccagccc tgcacggggc cctccttcc 180

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cccagcagcc cttggtgagc taggaattga gatccctggt tgtgaaagag ggaactgagg      240
tgcagagaag ccagaggtgt gccagatcct taggcaggat ttagatgaag tcgccctggc      300

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<210> 1452
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1452
aaaacacatg cacacatggt tattgcagca aaccaccatg gcacatgtat acctatgtaa      60
caaacgtaca cattctgtac atgtatccca gaacttcaag tttaaagaaaa aaagaaaaaat    120
atattagttt agcaacattc aaccttatcc tatataaatt atgctaagaa ctttgtttaga    180
taaattctat tataaaaagg cctagctagt agtattaaat ttgttggtgt tgtaatttat    240
gtacaacaaa attcacccat tttagggtata cagtttgaat gctttttggt aattatataa    300

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<210> 1453
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1453
tgagtactta tgaaaaattg tgagaaattc attgtgtggg attttcacca ttactacatg      60
tatttggaag taaaaattgt atgactatgt atatgaaact tgttcattgt ctaaaaaata    120
ccctccattt ataatatggt tttaaaattt gccactgaga agtacaaatt tccttcttat    180
ttcatcttag ttatcaaccc agagtcactg gaggcaatgc agtgtagtgg ttaagcgtgc    240
agattctgaa gttagacaag atttgggttg gaatcctgac tctgccactt actagctggg    300

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<210> 1454
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1454
acctaatttt tgagaacagc aagccctatt tgaccactct cttcagcctg tgtgttcctg      60
ctgttttgaa gtaatcaaat gctgtgcatg gtattttacc tgagctgcaa cctgttatgg    120
acttgaactt ctgtttaagt tgaaagcaag agtccctgag tataaaggaa aaacagcaaaa    180
acaaaaagca aacaaaaaaa aactgcaaaa gtctaaaata ccatttggtg atgtttttta    240
aaaaaatctt gctttcagct ttcaggaggt aatattcttt gttttaattt gataattgga    300

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<210> 1455
<211> 300
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (300)
<223> n = A,T,C or G

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<400> 1455
ccagcctgtg caacacagca agaccccgtc tctacaaaaa cttaaaaaat tagctggctg      60
tggtgttgct caccatagat tccagctact cgggaagctg aggcagtaag atcacttgag    120
cccaggaggc cgatgctgca gtgaactgtg attgttccac tacagtccag cctgggtgac    180
agagaaaaga aaaagaaaac attacataat ttggctagag cataataatt tgattttctg    240
gtttttgaaa atttgagttg cataaaagga nnnnnnnnnn caaggnttct acaaggngnn    300

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<210> 1456
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1456
 ctgggtcatg aaataacaga ttaaaaatgt tctctggtaa aagaattaaa cttttctgta 60
 aatggaagga aaataaaaag atttcagaga gtctgatcaa taatagcttg tgggtcctag 120
 tgagtggagc agtggtataaa gaggtaaggt ttttgagga aaaaaatact atgtcaaata 180
 gggggtgaat gataaaaatc gctctcattt tccttttttt cacttttcat cttcatttat 240
 ggaatttcta tacaataaat atgtttggca ttaataaca gtgcctctcc cccggaatac 300

<210> 1457
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1457
 acgaaatagt gacatgcact tattagattt ggaatctatg ggcaaaagtt cagatggaaa 60
 gtcgtatgtt attacgggga gctggaatcc aaaatcccca ctttttcaag ttgtaaatga 120
 agaaactcct aaagataaag tctgttttat gaccacagct gtagatttgg taataacaga 180
 agtacaggag cctgttcgat ttctcctgga gacaaaagtc cgcgtttgct cacctaata 240
 aagattattc tggcccttca gcaaacgtag tactactgaa aatttctttt tgaaactaaa 300

<210> 1458
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1458
 gattttcgaa actcttcagc tacttgccct tttttatctg aaaccatcat accttctgaa 60
 agaaaaaagc atatcttcat tgacataaca gaagtggat ggcccagctc tgatacagat 120
 ggtaccatga tatatatgga gagtggcatt gtgaagataa catctttaga tgggtcatgca 180
 tacctctgcc tgcccagatc tcagcatgaa ttacagtagc attttttgtg taaagttagc 240
 cagaagtcag actcatctgc agtgttgtca gaaacaaata ataaagcccc aaaagataaa 300

<210> 1459
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1459
 gtattcatga gaggcaagt ataggttact agggatggat tgtgtgggag aaataatgca 60
 gaggaatga tgatcatctc cattgaatga cagctgttat atagcaaaga taaatgtaaa 120
 attagtctta ttcttggaag tggaagacag cagttatcag agaggagaat ttaatcaaaa 180
 gaatcagaat agcatggtca caggccagat tcacattgaa gtattttact tatattttac 240
 tgctgttaca ttcaaaatgt atcagaagtc tcatggttca attaataaag tgttattcgc 300

<210> 1460
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1460
 tcattgtgta ataaaatggc agtttccaaa gatggatgac tttagttttt aaatgacatg 60
 ttgatttttt tcatgatata tgcaaatatt tttgtctttt ttgacctcag aacaaatgta 120

aagcattgat	tggagcacac	acaaaagtta	ggaaatatgc	tgcttggcaa	ctgagtaaaa	180
gtaaatatat	agtctcttaa	acttccaaaa	aagtatacaa	tagtacagga	tgggttctat	240
tcacaagctt	tctgtctgta	accgtaaaaag	atatcactat	ctaaaaataa	tatcagaatg	300

<210> 1461

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1461

ctgggtctca	ggcctttgaa	ctcaaactgg	aactacatca	ctggcgctcc	tgggtctccag	60
cttgctgact	gcagaccttg	aaactttctcg	ggctccatta	acctctttta	tatatagaga	120
gagatacata	cacacacaca	cacacaaaaca	tacacacaca	cacacattgg	ttgtatatct	180
ggagaatcct	gattaatata	cccgataaat	tcaaaacaaa	acaaaacttg	aaaaaaaaat	240
ttttcagggtg	aatatttggt	tttttagcatc	tgagtttcag	tccaaacagg	gaaggaaaga	300

<210> 1462

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1462

tgagacagag	cagccccaga	acacacacog	gggagtacag	gagcctaggc	cacgtaccca	60
acattgcagg	cagagaaaaa	agaaagtgtg	ttccatgtaa	gcaaagtgtg	tttggacctt	120
tctctctgtc	tgacctaatc	atggctcaca	gaaagtaatc	atactcctaa	taatacatca	180
acttatctga	tttatccaca	caatcacgta	gattaatgta	tgcttctatt	tcttggtcgc	240
tttagcataa	tattgatcat	aaattgataa	ataggaataa	aacaatataa	ttagattaat	300

<210> 1463

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1463

caaaaacaag	caaaacaaaa	cattttaatt	gttatgcata	gtatatatgt	gcatttttgt	60
taaattaaga	cttataatct	cataatgatc	atgatttccc	ccaaatgctg	atgatgacca	120
aattttctatt	tctgtcccag	accttgaacc	cccagcctaa	aaatcagatt	gcataattgga	180
tgttttcttcc	tggaagaatg	tcaaactgaa	caagtctgaa	actgatcttt	gtgcatcaca	240
accagcccaa	acctgttact	tctcctacat	tccctttctt	ggtgattggc	ttgtccaccc	300

<210> 1464

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1464

agttgtatta	ggatctttat	gtgtggccaa	ctcattaaat	tttcagatta	actcagaaat	60
attgttcctt	tattttgcac	atgaggaaac	tgaggctcat	atgttttttt	cttctttatt	120
ttttattttt	agagacaggg	tctcgtttca	ttgccttggc	tgggtctcgaa	tttctgggtct	180
ctgggctcaa	gcaatcctct	cacctcagcc	tcccagttac	ttggaggatg	aggtgggaga	240
attgcttgaa	cctggggaggg	ggaagttgca	gtgagccgag	attgtaccac	tgcaactccag	300

<210> 1465

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1465

gtttactttg	ttgtcttttg	ccctttatgc	aatcagtgtg	aaaggactag	ccgtttctgg	60
ccctacacta	aagcttattt	atatttaa	cagtgtatcc	aaacttttaa	tgtataacat	120
catgttaatt	ttgtaacatc	aatggttttc	tttaaaattt	caagatattt	atcttgttac	180
ttgtattgga	cagttctaag	aaatcttaga	gggataactg	tcttacctgt	tttttaaaaa	240
agatcagctt	gcaatcttct	gcttcaacca	tatctgtatt	agaatacagt	attattttcta	300

<210> 1466

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1466

gatcaatcca	agctcctaaa	catgggtattc	acagtacagt	cctaaaaaca	ccatccccaa	60
cttgctgtaa	acccaaaatg	gcgggggcct	cccagatata	ctatgtctgt	gcctttgtac	120
cagctgggcc	ctctgcctgc	aatgccatct	ccatctcttc	catccccttc	caggagacgc	180
tagcactcac	tctctcctcc	tctacatacc	atcattcctc	ctcctgaaga	gctactctcc	240
ctaactcacg	tgtcacaaca	acccacctgc	cattatcctc	ctcttcatct	tcacaccggg	300

<210> 1467

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1467

gacagctgag	gcccctggaa	ggcagatcca	actcctcctc	cagcgacacc	actggctcct	60
tcacagcttc	actccaagaa	acttctagac	cccccagggg	gtgtctcaag	tgaaagtctg	120
gccccacatc	tacccccaa	gatggcactg	gctaggactg	cttcagggtc	cgggttaacct	180
agggtcaaagt	gtccttgggc	gcaagtctga	gttaggctgc	agaaacacct	gctacctccc	240
ccagggttcac	actgacagct	gccgggcctg	ggtcaggcac	agccagtgtc	caccttcacg	300

<210> 1468

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1468

cctagttaaa	tcacaacaag	ttagtaatcc	ataaatgatg	tgtcctgttt	ctcttttagta	60
gaaattatat	ttttggctac	cagttaagaa	acttgctact	ctttgtccct	tatgttacta	120
taaaactcaag	atgatgagtt	ttgtggtatt	tgacttcata	ggcaaaatca	aaattttttac	180
tttggttgcta	ttctgtttta	tgaaataaac	ttctgtctat	gcattttgac	taagtttcag	240
caaattcaat	ctaaattgaa	taattccagc	tcccagtttt	atcctatgtt	gtcctataaaa	300

<210> 1469

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1469

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gtagattcgc	ttgtaccaat	tttgacata	aggaaacagc	cttagagagg	ttaggttgct	120

tgtgcaagcc	cagggtaggt	ggcaccagct	ctgccaatct	gcaacgcact	ggtatcttcc	180
agccagtaga	ccttgctccc	tgggtgccc	gttctggatc	tcaggaaagg	cggattaagg	240
ctcctaattg	cgggacctgg	gtggggattt	gntgncctnt	ggtggcanaa	gggacatcac	300

<210> 1470

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1470

gaggattagc	catgctgggg	tctcttggac	aaaaggctgg	tactgattga	aaaattccct	60
gagtatgtct	agaagtgtca	ggctcctctg	gaatcagtta	cagtgggatt	ggctgcttag	120
gtataatctt	tataagatta	aaaattatag	attatttggc	agcttgtttg	aaagtgttgg	180
tcccaagaaa	aagttctgct	gtgtgttatg	gcagaattat	taaaaaaaaa	acattcttaa	240
gttgaggttt	ctaagtaggc	ttttgtaaaa	acaggcaatt	acttgctgga	ggcagttaat	300

<210> 1471

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1471

attcgatttg	ggtcgcaatt	acacagacat	tgacgggcaa	ctggagcctc	ccagggactc	60
ctgcacgaga	gggagttact	gaagtcctctg	cagagtgcct	gttttcccct	agtcagtgcc	120
tccttttctt	caggtctcaa	ggacgggatg	agcttgccct	ggaaagcttt	gagggagtct	180
cgtattttac	cttcatagca	aaagttgttt	ccccacttct	ctccaccatt	tcttatttct	240
tcctgacagt	tgttctggca	catctcttga	tcgattgtag	tattttcttt	ctttcttttt	300

<210> 1472

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1472

agttgctgtc	agtcttgggtg	tggaaaggag	acgcattctat	gacattgtaa	atgtgctgga	60
gtcgtctgcat	ctggctcagcc	gggtggctaa	gaatcagtat	ggctggcatg	gacggcacag	120
cctgccaaaa	accctgagga	acctccagag	actaggagag	gagcagaaat	atgaagagca	180
aatggcctac	ctccaacaga	aagagctgga	cctgatagat	tataaatttg	gagaacgtaa	240
aaaagatggt	gatccagatt	cccaggaaca	acagttactg	gatttctctg	aaccgcactg	300

<210> 1473

<211> 148

<212> DNA

<213> Homo sapiens

<400> 1473

catccctgga	gcagcttcca	acactacttc	aggggtggcag	tgtttggggc	actgggagag	60
cctgcccggc	tctagatggc	ctcatctctt	ccttccacaa	actgtctaga	accaataaaa	120
ggaaacctgc	caaaaaaaaa	aaaaaaaaa				148

<210> 1474

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1474

tgctgtttga	acttgaacct	aaaaggacca	ttcaaagcct	gaaagaaaaa	acagaaaaag	60
taaaagatcc	taagactgct	gctgatgtgg	tcagccctgg	ggccaactct	gttgatagca	120
gagtgc aaag	accaaagaa	gagagttcag	aagatgaaaa	tgaagtgtct	aatattttga	180
gaagtggtag	atccaagcag	ttctataatc	aaacttatgg	aagcaggaag	tacaaaagtg	240
attggggcta	ttctggtagg	ggtggatata	aacatgtgag	aagtgaggag	tcctggaaag	300

<210> 1475

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1475

ctgaggttgt	tttctgtttg	ttgttgtttg	ttttccttga	gaggagtgtg	aagacgtggg	60
aggctgtggg	cagggttcca	cgggagaagg	aggatgctgc	atgtctggga	cttgtgagga	120
ggaagcactg	aagaaatcta	tgtggcacac	ggaggtgttt	tcaggtgttg	aaccataggg	180
aggtctacgt	gatttctctc	ttaggaggat	tagagagggc	agagtcagga	aaccaataga	240
ggaggcctgg	actaaatggt	ggtagtggat	atgtctgagg	ctggggatca	ggctctggtg	300

<210> 1476

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1476

catcagtatg	cttatggatt	tgatgacagg	catagcctgg	gcatatcacc	tcattggtaa	60
agggctagag	cctttctttt	ttatggcact	tctttttttg	agataggggc	ttactctgtc	120
accctggcta	gagtacactg	gtacaatcac	ggctcaatgt	aggcttaacc	tcctggggctc	180
aggtgtatgt	cactatgccc	ggctactttt	tgtatttttt	ggtagagacg	gcttcgccac	240
gttgcccagg	ctgcaagcga	tatgcctagg	ctcaagcgat	ctgccacact	caacttccgg	300

<210> 1477

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1477

ggaaaaataa	catgttcact	ttatgaaagg	aagaaccagg	aaaaataata	gaaaataatg	60
aacatgagtg	gagatataga	tgaaagctaa	ataagcattc	actgtgtctt	atcaagagtg	120
actaataaag	tgacagcttt	atttgagttc	tggtaaagcaa	attaatatca	tataaatcat	180
tacaatttgg	ataaagcaaa	acctgtttatc	aaatttataa	actgtttaat	aattcaaacac	240
tccagtgggt	tgcttgtttt	aagcaaaagg	attctggcca	agatatttta	cttcagctct	300

<210> 1478

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1478

ctggaagggg	cagagcccag	gacagggctc	catgtccaca	ggacggcgag	gagcgaagac	60
catgggggact	gagtacacag	atgaagacac	agaagcatag	agaggataag	taatcactag	120
caagtgggaag	aaccgggatt	cagatccaga	acaggctgac	tccagagtca	ctggctgtca	180
tgtagtttcc	tcaactactg	cctcagctct	acaatcccag	agtaaagctc	ttctccaaat	240
gaagagccag	gaagaggtag	aggtggcagg	aattaaactt	tgtaaagcca	tgctccctggg	300

<210> 1479

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1479

cctaggccttt	accctcaata	ctgcttctgc	ctgaccaaac	tgtctctctc	ctgtggctct	60
gtgtgatgtg	acttgctctc	ttctccaagg	cagtattact	cataaattct	tcttttagcg	120
tactgatcta	tctgtgtcat	cgctcagtc	accacatata	ttaagaccta	ggcacagAAC	180
aattctattt	ctataaaatt	ctagaaaatg	caaactaaac	cataatgaca	aaaagaatat	240
tagtggtttc	ctagggatgg	gatgtgggca	aagagagacg	aaagaaggag	ggattaccaa	300

<210> 1480

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1480

gaaggaagaa	aatttgggac	tttgttttta	aagtggaaata	ctatcttctt	aaacaacttg	60
tgtttaaaac	aagccccaat	ccacacttga	tcttcttaag	ctaggaaaag	tgagctcaca	120
ctgagtgtcg	gcaggatgct	ccatgtgcat	cattattttg	tttaattctc	acaataactc	180
tctaaatccc	ttttgaggat	aaggagactg	gggctgggag	aagttatttc	aaggagtaaa	240
taaaaaattc	agaccactt	gggttttatg	ccaaaggctc	tgttttttaca	aatacacaat	300

<210> 1481

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1481

aattcggcag	ctccctcaaa	gaaaggagaa	ctaggaaaat	gttttcgcca	tctcccaaag	60
atgataggaa	agttctgagc	agggttctgg	gtatagcccc	ttgtgagaaa	ttcaaggccc	120
aatcaatgcc	atagatgagt	tatatattcc	aaattttacac	tacttatgta	ggtgtagtaa	180
cctccaaatc	aataaaattaa	tataaaattg	gcccaggact	ggtgaaacct	agagtctctg	240
cagaagcaaa	tacaaagcag	ccctttaaca	acagttttaa	atttagggcc	ttcaagaccc	300

<210> 1482

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1482

ctgtagtcct	attttgccat	atgacatgat	tgaaatcaac	acctcttaga	aatagttttg	60
ctgcctcata	attgattacc	atcatgataa	cctgtagtca	gtgtgaaata	gagataaaaa	120
ttaatgtact	tagttaaatg	catatgaagg	tctaattctg	ttccagagtt	actcttactg	180
gattattttt	agatttttat	taacattact	ggtctctaac	tttactcagt	ctggataaga	240
aaaagaatac	catgcaattg	ttaactatgt	gatgttttact	agattaacta	ttaatatatt	300

<210> 1483

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1483

aatgtgtatg	cggggctggg	gggaacagcc	cggggtggcgg	gggtggatcc	ctgggtgtgag	60
cctggcttcc	tgtctgctcc	aaggggcgtg	gaacaggacg	gactcaggtc	caaatccctg	120
gtttcctgtc	ccttagtggt	gtggccgtgg	gcaaacgcct	taacttccgt	gagctttgac	180
agtctgtctg	ggaggcaggg	ctcaggcatc	cctggcctct	tgggggttggg	tgagagggag	240

acagagggttt gtgaagcgct ttgcacacct gggcatctgg tcagtgttca gtaaattgcca 300

<210> 1484
 <211> 297
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (297)
 <223> n = A,T,C or G

<400> 1484

gggccacgac taccaaattg gcccctaccg caagaacctg ctatgctacg accaccggac	60
agacgtgtgg gaggagcggc ggcccatgac cacggcgcgc ggctggcaca gcatgtgcag	120
cctgggtgac agcatctact ccatcggtgg cagcgatgac aacatcgagt ccatggagcg	180
cttcgacgtg ctgggcgtgg aggcctacag cccgcagtgc aancagtgga cccgcgtggc	240
gccgntgctg cacgcctnca gctagtnngg cgtttctana tgnaacngcc ctattta	297

<210> 1485
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1485

taggatcttt atgtgtggcc aactcattaa attttcagat taactcagaa atattgttcc	60
tttattttgc acatgaggaa actgaggctc atatgttttt ttcttcttta ttttttattt	120
ttagagacag ggtctcgttt cattgcctcg gctggctcgc aatttctggg ctctgggctc	180
aagcaatcct ctcacctcag cctcccagtt acttgaggga tgagggtggga gaattgcttg	240
aacctgggag ggggaagttg cagtgaagcg agattgtacc actgcactcc agcctgggac	300

<210> 1486
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1486

agaaagagtt gtgttggaat tttgactttg gctaaccagg aattgtatag tttctatatt	60
tttatttgtt tttaatgtta ccagatgggt gcagtagagg tggcaacctt atagctccat	120
ctggcagccg ggagcttatt ttagtcaaca caaactgtaa ataccatacc atagttatgt	180
tttacctgga agtcggactt agttccataa actgatcatt ttctgtgggt tgtagtgttc	240
aaattgtata atattcctca taaaataata tagaaataca gaaataaaaag ttataataaa	300

<210> 1487
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1487

ttttttacta tgtaccataa tgtcccatte atgagaacct agaagtagtt tttctcatta	60
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tctttacttt agctgctagt aagggtgaaa caacgatggg gcccaaattt aacagttagg	180
tgacatcttc ttctacgtgt gctaagatta cccagacttc actttaccct tatttccac	240
tgactttgat ccctttactt ggttttatcc tgtagtatgg attttttgca tcttttcagt	300

<210> 1488

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1488
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 agacgccggc ggctcgggcg atggctgacc gcacacgttg ccaccctgag gtctttctgg 120
 aagtggatat ctactcagac agtaagaatt ataagagctg taagagctca ttttggagga 180
 ataatggatg aaccatctcc cttggcccaa cctctggagc tgaaccagca ctctcgattc 240
 ataataggtt ctgtgtctga agataactca caggatgaga tcagcaacct ggtgaagttg 300

<210> 1489
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1489
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 ggcagaagag gctctgcgca cggacatcct gtgcaacctg ccagctaca aggccaaagat 120
 acgtgctttt caacatgcct tcagcactaa tgactgctcc aggaatgtct acattaagaa 180
 gaatggcttt actttacatc gaaaccccat tgctcagagc actgatgggtg caaggaccaa 240
 gattggtttc agtgagggcc gccatgcatg ggaagtgtgg tgggagggcc ctctgggcac 300

<210> 1490
 <211> 104
 <212> DNA
 <213> Homo sapiens

<400> 1490
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 agaactgatg gctcagtggc tgagtggcca gtatattgtc tttt 104

<210> 1491
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1491
 ctggatccag tccaggccag agcctcctct gcagagaagg tactaggtgc ccatgcacag 60
 ggtgactgcc agcctcgtgg agtgggggca gtggtgtccc tgcgggcggg cttggtcttc 120
 tgaggccatg tcagtgccac cccagggccg ccctccatgg cagtgtgggg ccaacaagcc 180
 tgtcttccca tttttctgag agaggctgga aatcctgttc tttttatata taaagtgttt 240
 ccttttcaaa atattggcaa ctaagtaaat ccaaacaaag tatgggcca atcatggcac 300

<210> 1492
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1492
 gaccaaggag atgtgagtga aaatgatgca ggctgcttcc aggtgtgacc agtaagatac 60
 ttccacata atcttcctac tctttcttcc ctgtttggca tcccatgtgc taagaatggg 120
 aaccctgagg tcctatatgt ggaaccataa ggtaaatgtc tttgggctct gaatctcaca 180
 cagggtcac tgagaataag aaacatcctt cttgggcttt gtatgaataa gaaaatacta 240
 gcaaattttt aagaaggaag taattccagt atttcacaaa cccttccaaa gaatagtaaa 300

<210> 1493
 <211> 298
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (298)
 <223> n = A,T,C or G

<400> 1493
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 agagaactac tgcacttgac cacaaactga taaatacttg gtactgcccc atctcactgt 180
 tctgtttact ttgtcttaaa tatctctttt ttttttccca ggcagctagt acacnactga 240
 atcctttaag ctttcanngn gaatttgtna anctcaggat tgacctttta caagcctt 298

<210> 1494
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1494
 gaaggcacga attgaattgt gggaacagga acattcaaag gcatttatgg tgaatgggca 60
 gaaattcatg gagtatgtgg cagaacaatg ggagatgcat cgattggaga aagagagagc 120
 caagcaggaa agacaactga agaacagcca ggctgggtctt gaattcctga cctcagggtga 180
 tccacctgct tcggcctccc aaagtgctag gattacaggt gtgagccacc acgctgggt 240
 aattttgtat ttttagtaga gatgggggtt ctccaaaggc tgggtcttgaa ctcccgaacct 300

<210> 1495
 <211> 196
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (196)
 <223> n = A,T,C or G

<400> 1495
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 tgtctccctg tgctgataca agcatgaact ttctggaata ttctgctagt ctgaaattac 120
 agcaggttgt ctggggtagg ggggagggcgt tttttttttt ttttnnaann agggncnncn 180
 tnnngccccn aggggg 196

<210> 1496
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1496
 ttttaacagt gtgccttttg ggagggaccc atgtccatgg cttcgttgag ggccatccat 60
 atgccagctg ggggccagcc cacagtggcc atattggctg cagcaggaat ggtgcccacc 120
 tcggcgaatt gaagggtctaa gagtcccaga tagctaggcc agagctggaa gcagacagta 180
 aggggaagag ctgctcccac aggagagggg gagattccag ctactgcgc agcctgggag 240
 gaggcgtgga tcctggcacg ctgagcctca ggcaccagcc tccctgtgct cgacagcaaa 300

<210> 1497
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1497
 agcaacccta gcaatagact gactctacta caaaacaatt tggttatttc tcttactatt 60
 tctctattat atctgttgag ggaatgttat catgagcaca ggtattagtc ctatgctttt 120
 aatcggttta gtggttttctt tgtgtctcat tttattcatt tgtaattttt ttaaagacta 180
 taaaacttcc acagtttctt tagatcatta agttatatga ctctttttca tgggggtcag 240
 ttaacaatac ataagaaaac atttgttcta ggataatata tgacctaaaca gtctttttgtt 300

<210> 1498
 <211> 119
 <212> DNA
 <213> Homo sapiens

<400> 1498
 gctagtctga gttttttttt cttttactct ggtattgaca ctttttctgt gatcattgtt 60
 aattagtac atagtaacat ctgtagcagc tggtagtaa acctcatgtg ggggaggtg 119

<210> 1499
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1499
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 gtccagagac ttctgagtat gttgatggat gtaaaaacat gcaatgaggt ggacctggag 120
 aattctgcag attgggaagt gaagacaata acaagtgcct tgaaacagta tttgaggagt 180
 cttccagagc ctctcatgac ctatgagtta catggagatt tcattgttcc agccaaaagc 240
 ggcagccag aatctcgtgt taatgcgac cttttcttgg tacacaaact gccagagaag 300

<210> 1500
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1500
 atgatgtaaa gtctgaaata tacagctttg gaatcgtcct ctgggaaatc gccactggag 60
 atatcccgtt tcaaggctgt aattctgaga agatccgcaa gctggtggct gtgaagcggc 120
 agcaggagcc actgggtgaa gactgccctt cagagctgcg ggagatcatt gatgagtgcc 180
 gggcccatga tccctctgtg cggccctctg tggatgaaat cttaaagaaa ctctccacct 240
 tttctaagta gtgtatcaaa atctaaacca aggagtctct ggacaagaag ctgggagagg 300

<210> 1501
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1501
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 tgacgctagg accaggagga catttgagga ccgtattacc cagaccttac tttcatgtga 120
 aacctttgga aaaggcacia ctaaaaaact ggacagaata cttagaattt gaaattgaaa 180
 atgggactca tgaacgagtt gtggttctct ttgaaagatg tgtcatatca tgtgccctct 240
 atgaggagtt ttggattaag tatgccaagt acatggaaaa ccatagcatt gaaggagtga 300